START

Microfilmed For

OCLC Online Computer Library Center, Inc.

November 1998

Microfilmed By

Preservation Resources
Bethlehem, PA 18017

Camera Operators
Sandy Kehm

COPYRIGHT

The copyright law of the United States - Title 17, United States Code - concerns the making of photocopies or other reproductions of copyrighted material.

Under certain conditions specified in the law, libraries and archives are authorized to furnish a photocopy or other reproduction. One of these specified conditions is that the photocopy or reproduction is not to be "used for any purpose other than private study, scholarship, or research." If a user makes a request for, or later uses, a photocopy or reproduction for purposes in excess of "fair use," that user may be liable for copyright infringement.

This institution reserves the right to refuse to accept a copy order if, in its judgement, fulfillment of the order would involve violation of the copyright law.

Dewey, Melvil

Decimal classification and relative index... 17th ed.

New York

1965

BIBLIOGRAPHIC RECORD TARGET

```
OCLC:  24116028            Rec stat:    n
Entered:    19910722       Replaced:    19980607       Used:    19980607
Type:  a     ELvl:  K     Srce:  d     Audn:        Ctrl:        Lang:  eng
BLvl:  m     Form:        Conf:  0     Biog:        MRec:        Ctry:  nyu
             Cont:        GPub:        Fict:  0     Indx:  0
Desc:        Ills:        Fest:  0     DtSt:  s     Dates: 1965,     ¶
  1  040     LGL ‡c LGL ‡d UBA ¶
  2  090     ‡b  ¶
  3  049     PR1A ¶
  4  100 1   Dewey, Melvil, ‡d 1851-1931. ¶
  5  245 10  Decimal classification and relative index. ¶
  6  250     17th ed. ... ¶
  7  260     New York, ‡b Forest Press, ‡c 1965. ¶
  8  300     2 v. ‡c 25 cm. ¶
  9  650  7  Representacao Tematica (Classificacao) ‡2 larpcal ¶
```


MICROFILMED BY
PRESERVATION RESOURCES
Bethlehem, PA 18017

on behalf of the
OCLC Online Computer Library Center, Inc.
Dublin, Ohio 43017

Film Size: 35 mm
Image Placement: 2A
Reduction Ratio: 12:1
Date Filming Began: 11-18-98
Camera Operator: S.K.

GUIDE TO CONTENTS

Dewey Decimal Classification
1876-1979

Reel No.	Edition/Year
6	13th ed. (1932) - v. 1 Tables, v. 2 Index
7	14th ed. (1942) - v. 1 Tables, v. 2 Index
8	15th ed. (1951) - Standard (15th) Edition
9	16th ed. (1958) - v. 1 Tables
10	16th ed. (1958) - v. 2 Index

GUIDE TO CONTENTS

Dewey Decimal Classification
1876-1979

Reel No.	Edition/Year	
11	17th ed. (1965) -	v.1 Tables, v. 2 Index
12	18th ed. (1971) -	v. 1 Introduction/Tables v. 2 Schedules
13	18th ed. (1971) -	v. 3 Index
14	19th ed. (1979) -	v. 1 Introduction/Tables v. 2 Schedules
15	19th ed. (1979) -	v. 3 Index

REEL

11

THIS REEL CONTAINS:

17th ed. (1965)

v. 1 Tables

v. 2 Index

SOME PAGES IN THE ORIGINAL CONTAIN FLAWS AND DEFECTS WHICH APPEAR ON THE FILM

2.0 mm ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz1234567890

1.5 mm ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz1234567890

PM-MGP
METRIC GENERAL PURPOSE TARGET
PHOTOGRAPHIC

200 mm

150 mm

100 mm

A3

A4

A5

1.0 mm ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz1234567890

1.5 mm ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz1234567890

2.0 mm ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

2.5 mm ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

PRECISION℠ RESOLUTION TARGETS

A&P International
2715 Upper Afton Road, St. Paul, MN 55119-4760
612/738-9329 FAX 612/738-1496

4.5 mm ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

3.5 mm ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz1234567890

Volume 1
Tables

311186 0009 4197 3

DEWEY
Decimal Classification
Edition 17

*
Tables

DEWEY

Decimal Classification®

DEWEY

Decimal Classification and Relative Index

Devised by

MELVIL DEWEY

OCLC, INC.
OCLC
LIBRARY
OCLC, INC.

Edition 17

Volume 1

Introduction
General Tables

FOREST PRESS, INC.
OF
LAKE PLACID CLUB EDUCATION FOUNDATION

LAKE PLACID CLUB
NEW YORK 12948 U.S.A.
1965

Copyright 1876, 1885, 1911, 1913, 1915, 1919
by Melvil Dewey
Copyright 1888, 1891, 1894, 1899
by Library Bureau
Copyright 1922, 1927, 1932, 1942, 1952, © 1958
by Lake Placid Club Education Foundation
Copyright 1951, © 1965
by Forest Press, Inc.

Dewey, Melvil, 1851–1931.
Dewey decimal classification and relative index. Ed. 17. Lake Placid Club, N.Y., Forest Press, Inc. of Lake Placid Club Education Foundation, 1965.

2 v. (ix, 2153 p.) 26 cm.

CONTENTS.—v. 1. Introduction. General tables.—v. 2. Auxiliary tables. Relative index.

1. Classification, Decimal. I. Title.

Z696 025.43

Library of Congress catalog card number: 65–10445

THIS BOOK WAS COMPOSED, PRINTED AND BOUND
IN THE UNITED STATES OF AMERICA
AT KINGSPORT PRESS, INC., KINGSPORT, TENNESSEE

Contents

Volume 1

Publisher's Foreword 1
Preface 3
Editor's Introduction 5
1. Book classification 5
2. Dewey Decimal Classification 7
2.1 History 7
2.2 Basic plan 8
2.21 Discipline 9
2.22 Hierarchy 11
2.3 Memory aids and synthesis of notation 13
2.4 Versatility and flexibility 15
2.5 Faults and virtues 15
3. How to use DC 18
3.1 Preliminaries 18
3.2 Analysis of a book 19
3.3 Selection of class number 20
3.31 Approach 20
3.32 Headings 21
3.33 Definitions and scope notes 21
3.34 Inclusion notes 22
3.35 Instruction notes 22
3.351 Optional provision 22
3.352 Use of more than one 0 in standard subdivisions 22
3.353 Synthesis of notation 22
3.353 1 Area notation 22
3.353 2 Division 23
3.354 Priorities of arrangement 24
3.355 Relocations 26
3.36 Cross references 26
3.37 Standard subdivisions 27
3.38 Subject not provided for 29
3.4 Compound and complex subjects 29
3.41 More than one subject 29
3.42 More than one aspect 30

3.43 Centered headings 31
3.44 Applications 31
3.5 Reduction 31
3.6 Index 33
3.7 General suggestions 36
4. Variations from recommended practice 38
4.1 Principle of usefulness 38
4.2 Officially recognized variations 38
4.21 Options 38
4.22 Optional alphabetical arrangement 39
4.23 Artificial digits 40
4.3 Unofficial variations 40
4.31 Attraction 40
4.32 Expansion 40
4.33 Alphabetical arrangement 41
4.34 Relocations 42
4.35 Standard subdivisions 42
4.36 Dropping digits 42
5. Features of Edition 17 43
5.1 Subject integrity 43
5.11 Structure 44
5.12 Division by more than one principle 45
5.13 Relocation 45
5.2 Degree of expansion 52
5.3 Standard subdivisions and area table 54
5.4 Use outside United States 55
5.5 Index 56
5.6 Relation to Edition 16 and *DC&* 56
5.7 Spelling 57
6. Toward Edition 18 58
7. Acknowledgments 59
8. Conclusion 61

Melvil Dewey's Introduction 63
Description 63
Orijin and growth 63
Extent of use 64
What is the sistem? 65
Notation 66
Best known decimal form 66

Relativ subject index 67
What relativ index includes 69
Tables 69
Coordination 71
New subjects 71
Choice and arranjement of heds 71
Sequence of allyd subjects 71
Cachtitles 72
Form distinctions 72
Minute clasing 73
Tentativ tables 74
Nemonics 74
Decimalism 76
Relativ location 77
Sizes on shelvs 79

Catalogs 79
Name catalog 79
Shelflist 79
Clast catalog 79
Dictionary catalog 80

Advantajes 81
Shelvs 81
Shelflist 81
Accession book 81
Pamflets 81
Sale duplicates 81
Charjing sistem 82
Subject references 82
Recataloging or reclasifying 82
Adaptability 82
Arabic numerals 83
Endowment of special departments 83
Summary 83

Sugjestions to uzers 84
Numeration 84
Plan of book 84
Familiarity with clasification 85
Subject of a book 85
Assyning clas numbers 86
Number of figures uzed in clas number 88

Bilding numbers 89
Book numbers 90

Variations practicabl 91
Cautions 91
Letter or simbol notations for chanjes or aditions 93
Fiction 93
Juvenils 94
Biografy 94
Paralel libraries 95
Combining languaj and literature 95
Reference library 95
Contractions for specialists 96
Use of alfabet or cronolojy for final subdivisions 97
Broken order 97
Pro and con division of topics 98

Bibliografic modifications 99
Accretion syn + 100
Cupling syn — 100
Relation syn : 100
Form syn (0) 101
Universality syn ∞ 101
Place syn (3)–(9) 101
Languaj syn = 101
Time syn " " 101
Jeneral points of view syn 00 101
A to Z 102
Sequence 102

Other uses 102
Bookstores 102
Offis files 102
Scrapbooks 103
Index rerums 103
Topical indexes 105

Acknowlejments 105
Future of D C 107

Summaries 109

General Tables 123

Volume 2

Table of Standard Subdivisions 1255

Area Table 1263

Synthesis of Notation 1505

Abbreviations Used in the Index 1519

Relative Index 1521

Publisher's Foreword

Agreeably to the plan announst when the 16th edition appeared in 1958, this 17th edition of the Dewey Decimal Classification (DC) is publisht on schedule in June 1965. In conformity with the same plans its preparation has respected "integrity of numbers" to the fullest extent compatible with "keeping pace with knowledge." More than its predecessors, too, it reflects not only the needs of libraries thruout the world, but also the increasingly universal scope of American libraries.

This is likewise the first edition of DC to reflect the consolidation of the editorial work in the same office with the application of the Classification to a large and important representation of current publications. The 4th to 6th, 11th and 12th editions were prepared in the New York State Library at Albany, where Melvil Dewey had gone in 1888 as State Librarian and whither he had transferred the library school from Columbia University, while the 7th to 10th editions were prepared at Lake Placid. But in 1927, in anticipation of an arrangement for printing DC numbers on Library of Congress catalog cards, the editorial office was moved to Washington and given space in the Library of Congress, with the motive, as expresst by Mr. Dewey of "extending stil further the [Library's] already great servises to the cuntry at larj."

The arrangement for printing DC numbers on the Library of Congress catalog cards became a reality in 1930 when the American Library Association establisht at the Library of Congress its ALA Office for DC Numbers on LC Cards, at the head of which was Mr. David J. Haykin, who was later to become the first editor of the 16th edition of DC. This Office was so successful (in three and a quarter years it added DC numbers to 102,282 cards) that in 1933 the Library of Congress took over the work which it has continued ever since as a self-supporting operation, part of the catalog card distribution activity.

Meanwhile the editorial work, pursued under the same roof tho still directed by the Lake Placid Club Education Foundation (a nonprofit body to which Mr. Dewey had entrusted the DC in 1924), produced the 13th, 14th, 15th editions in 1932, 1942, 1951 respectively.

In 1953 the Library of Congress, under a contractual arrangement with the Foundation, undertook the preparation of the 16th edition of DC, and for this purpose took over the staff and files of the Editorial Office. Tho carried on in separate offices, the editorial activity and the assignment of DC numbers to LC cards were thus united in the same organization.

But its own experience convinst the Library of Congress that these two operations could be most effectively executed by a single staff. Accordingly, when the agreement between the Foundation and the Library was renewed in 1958 to cover the preparation of the 17th edition, it was planned that the Editorial Office and the DC Section of the Library's Subject Cataloging Division should be amalgamated. The consolidation, effected on November 24, 1958, gave birth to the present Decimal Classification Office and was announst by the Library as expected to result in the assignment of DC numbers "to a progressively larger portion of the titles for which the Library of Congress prints cards, and to produce future editions of the classification solidly rooted in daily experience in applying it to books." The 17th edition is the product of this new Office.

Increasingly in recent years those concerned with the preparation and publication of the DC have needed first hand information regarding the manner in which it is used abroad and the wants of its users there. To supply this information a Field Survey of the Dewey Decimal Classification Abroad was planned under the auspices of the American Library Association with assistance from the Asia Foundation, the Council on Library Resources and Forest Press. As reported in the Preface by Mr. Wright, the Survey became a reality in 1964. Its final report is now being written, and the major portion of its recommendations must await consideration in connection with the preparation of the 18th edition.

Still another development, during the period covered by the preparation of this edition, was intended to improve the responsiveness of the Classification to the needs of its users. In 1961 the Lake Placid Club Education Foundation delegated to its non-profit subsidiary, Forest Press (whose directors, serving without compensation, are drawn from activities supporting library work) substantial autonomy with respect to the publication of the DC.

The 17th edition reflects the collaborative work of many hands. In it the advisory contributions of the American Library Association, the (British) Library Association and the Catholic Library Association support the editorial activity of the Library of Congress and the publishing activity of the Lake Placid Club Education Foundation thru Forest Press. In his Introduction the Editor has named a number of individuals to whom this edition is indebted. To all of these, and to still others not named, Melvil Dewey gave a task—and with it a reward.

12 April 1965

Preface

In the preparation of this 17th edition of the Dewey Decimal Classification the editorial criteria that were adopted for the 16th edition have been largely continued. A moderate amount of change, hopefully not more than will be found acceptable in the majority of libraries, has been authorized to bring certain sections into line with modern thought. A classification that does not keep reasonably abreast of current thinking must in time die, but one that imposes on its users the tremendous costs of reclassification too recklessly will die also. The Decimal Classification Editorial Policy Committee hopes that this edition will be found to have avoided both extremes.

The provision of the new area table, which divorces the geographical subdivision of all classes from the confining limits of history, is perhaps the most far-reaching change in this new edition; it is hoped that it will greatly simplify the process of number-building thruout the schedules. The revision of the schedule of standard subdivisions both adds to the consistency of the schedule itself and provides an opportunity to make more consistent the application of these numbers under various subjects. Other changes made in the main schedules have served to update some of the more obsolescent classes.

During the year 1964 Miss Sarah K. Vann, assisted by Miss Pauline A. Seely, visited 23 countries thruout the world to discuss with librarians in the field the deficiencies of the Dewey Decimal Classification that have been discovered by users outside the United States. A number of the suggestions received from these sources had already been incorporated into the new edition; most of them, because of the advanst state of the editorial work when the survey was undertaken, will have to await the preparation of the 18th edition. The Committee is deeply appreciative of the work of the two surveyors and the many librarians who gave liberally of their time and thought in making the classification a better instrument for libraries everywhere.

Classification shares with other human productions the attribute of imperfection. The Committee hopes that this edition will be found bet-

ter than its predecessors. It also hopes that future editions will be better still.

Members of the Decimal Classification Editorial Policy Committee during the preparation of this edition have been Elizabeth C. Borden, Edwin B. Colburn, Godfrey Dewey, Virginia Drewry, Carlyle J. Frarey, Bertha M. Frick, Harriet D. MacPherson, Lucile M. Morsch, Esther J. Piercy, Joseph W. Rogers, Pauline A. Seely, Marietta Daniels Shepard, and Wyllis E. Wright.

Wyllis E. Wright

CHAIRMAN, DECIMAL CLASSIFICATION
EDITORIAL POLICY COMMITTEE

Williamstown, Massachusetts
17 March 1965

Tip this sheet in Dewey Decimal Classification, Edition 17, volume 1, facing page 5

Use of Editor's Introduction with Revised Index

All references in this introduction to the index are to the index in the original volume 2. Chief among these references are sections 3.31 (p. 20–21), 3.6 (p. 33–36), and 5.5 (p. 56). For full information on the *revised* index the user should consult volume 2 revised, pages 1531–1535.

Editor's Introduction

1. Book classification

A major objective of libraries is to see that optimum use is made of their collections, to bring the right reader to each book and the right book to each reader. As an aid to the achievement of this purpose, nearly all libraries find it helpful, indeed necessary, to impose upon their books and other materials one or more forms of subject control.

One such form is classification. To classify a collection of objects or concepts is to place together in "classes" those objects or concepts which have certain characteristics in common and to separate from them the objects or concepts which do not have those characteristics. For instance, one might classify a collection of postage stamps according to countries of issue, each of which would be a separate class, e.g., stamps issued by Canada, by Italy, by Japan. Or one might choose another principle as the basis of division: color, size, shape, subject pictured, or for that matter any other characteristic that has significance for the utilization and enjoyment of a specific collection. If division were by country of issue, one might then classify the stamps of each country by monetary denomination, each of which would be a subclass, e.g., one-cent, two-cent, five-cent, one-dollar stamps issued by Canada; and each of these might then be further separated into subsubclasses according to date of issue.

A system of "notation," while not an essential part of a classification system, is a major convenience, (1) in designating briefly the different classes and subclasses, especially if there are a great many of them in a complex pattern of relationships, (2) in identifying the objects that belong in the various classes, and (3) in determining, for some categories of objects, the slots, bins, envelopes, or shelves where they belong according to a desired and usually systematic sequence.

Libraries classify their "books" or "works"—in this introduction, either term is used to mean all printed and written forms, sound recordings, films, slides, pictures, prints, globes, and other mediums of information and communication collected by libraries and related institutions—according to various kinds of characteristics. For example, because of

differing problems of shelving, handling, and giving service, they usually separate recordings, films, atlases, newspapers, and the like from bound volumes of more or less conventional size; in this case the characteristic of division is physical form. Libraries of rare books often classify their works according to date and place of publication. Another common characteristic upon which division is based is specific kind of use, so that reference books, children's books, books in specific languages, books for popular reading collections, books of current interest may be set aside in separate groups. But most commonly, either overall or within such categories as those named above, libraries classify books according to subject. Such an arrangement is most useful for maximum retrieval of the kind of information wanted by the majority of patrons and the librarians serving them.

Like the amateur stamp collector, the librarian may develop his own system of subject classification for the book collection for which he is responsible, catering to the special needs of its users. In the past a good many librarians did just this, and some, usually in special libraries, still do. (Numerous public libraries have recently organized their collections of current popular interest in somewhat heterogeneous groups according to a "reader-interest" arrangement, rearranging titles and developing new categories as interests of patrons shift. Practical as this has proved to be, it is not classification by *subject.*) However, the development of an integrated plan that will provide systematically for the tens and hundreds of thousands of subjects on which books are and may be written in this age of multiversity and specialization is no part-time occupation or avocation. It requires the intense efforts of specialists in librarianship, in subject classification, and in the countless disciplines of which the world of knowledge is composed, from religion to mathematics to musicology to public administration to aeronautical engineering. For this reason, librarians have generally found it advantageous to follow, with local adaptations where necessary to meet local needs, one or another of the commonly used book classification systems, among the best known of which are Bliss's Bibliographic Classification, Ranganathan's Colon Classification, Dewey's Decimal Classification, Cutter's Expansive Classification, the Library of Congress Classification, Brown's Subject Classification, and the Universal Decimal Classification.

2. Dewey Decimal Classification

Of all these, Dewey's Decimal Classification—or, more commonly, the Dewey Decimal Classification, or merely the Decimal Classification, or the DDC or the DC; we shall call it all of these in this introduction—is the oldest and most widely used. In the United States it is the system followed by perhaps 90% of all libraries, including nearly all public libraries, and school libraries virtually without exception; in other English-speaking countries and countries now or formerly part of the British Commonwealth it is followed by a majority of libraries; elsewhere, it has adherents in almost every nation on the globe. It has been translated, with or without abridgment, expansion, adaptation, into scores of languages, from Spanish, Danish, and Turkish to Japanese, Sinhalese, and Portuguese.

2.1 History Devised by Melvil Dewey for the Amherst College Library, it first appeared, anonymously, in 1876 as *A Classification and Subject Index for Cataloguing and Arranging the Books and Pamphlets of a Library.* The second edition, "revised and greatly enlarged," appeared in 1885, carrying Dewey's name and the title *Decimal Classification and Relativ Index.* Between 1888 and 1959 came fourteen more full editions and eight abridgments. From the beginning DC's acceptance by the library profession and others was widespread and rapid, and, even today, for every library that abandons it for another system, many new ones adopt it and old ones turn to it. In 1930, because of popular demand, the Library of Congress, which uses its own classification system, nevertheless set up an office solely for the purpose of assigning centrally and printing on its widely distributed catalog cards DC numbers for the majority of titles that American libraries using the system might be expected to acquire. At present the system is used, in one form or another, by such varied current services as the American Library Association's *Booklist;* the H. W. Wilson Company's *Standard Catalog Series, Book Review Digest,* and catalog cards; the R. R. Bowker Company's *Publishers' Weekly, American Book Publishing Record,* and *Libros en Venta;* the *British National Bibliography* and the *Indian National Bibliography.* Titles in thousands of reading lists, book guides, and bibliographies have been arranged or their subjects identified by the Dewey Decimal Classification.

In 1895 the forerunner of today's International Federation for Documentation (FID), by agreement with Melvil Dewey as to concordance

and bibliographic use, adopted the Decimal Classification as the basis for its international subject index; this grew into the Classification Décimale, otherwise known as the Brussels Classification or, now, as the Universal Decimal Classification (UDC), which has itself been translated into many languages. Differences between DDC and UDC have appeared in the intervening years, due in part to the more complex requirements of a bibliographic classification, but, even with the substantial revisions now under consideration for the UDC, the foundation of the two remains recognizably the same.

2.2 Basic plan The Dewey Decimal Classification arranges all knowledge as represented by books within ten "classes" numbered 0, 1, 2, thru 9. Class 0 is used for works like general newspapers and encyclopedias that are on many subjects from many points of view, and also for certain specialized disciplines that deal with knowledge generally, such as information theory, library science, and journalism. Classes 1–9 consist each of a major discipline or group of related disciplines, and together with class 0 they embrace the whole of human knowledge and intellectual endeavor. Thus, class 1 consists of philosophy and related disciplines, class 2 of religion, class 3 of the social sciences, class 5 of the pure sciences, class 6 of the applied sciences. The notation used to designate each class consists of 100 three-digit numbers, e.g., 000–099 for generalities, 300–399 for social sciences, 600–699 for applied sciences. Each class is divided into ten subclasses, or "divisions," with the first division being devoted to general works on the entire class. Thus, 600–609 is given over to general works on the applied sciences, 610–619 to the medical sciences, 620–629 to engineering and allied operations, 630–639 to agriculture and agricultural industries, 640–649 to domestic arts and sciences. Again, each division is separated into ten subsubclasses, or "sections," with the first section devoted to general works on the entire division. Thus, 630 is assigned to agriculture and agricultural industries in general, 631 to farming activities, 632 to plant diseases and pests and their control, 633 to production of field crops, 636 to livestock and domestic animals. The system permits further subdivision to any degree desired, with a continued decimal notation, which consists of the addition, following any set of three digits from 000 to 999, of a decimal point and as many more digits as may be required. Thus, 631 Farming is divided into 631.2 for farm structures, 631.3 for farm tools, machinery, appliances, 631.5 for crop production, and others; 631.5 is further divided into 631.51 for tillage, 631.53 for propagation methods, 631.55 for harvesting, and others.

No notation is ever less than three digits, zero (0) being used with its normal arithmetical value to fill vacant digital positions. Hence the notation for class 6 Applied sciences is 600.

Preceding the full classification "tables" or "schedules"—this introduction uses both terms—are three summaries, showing the ten classes, the 100 divisions, and the almost 1000 sections. These start on page 109.

Every book acquired by a library may be assigned to one of the classes, divisions, sections, or sub-(to whatever degree)-sections provided by the tables of the DDC, and may be identified as belonging to its specific class by use of the appropriate notation. (From this point forward, the word "class" will be used to refer to a subdivision of any degree; the 10 major classes will be called "major" or "main" classes.) The notation, or "number," designates the book's class; when written on the book and on the cards that describe the book, it provides a shorthand identification of the book's subject, and determines its relative position within the library's entire collection and within the appropriate discipline.

This class number and the book number used by most libraries together constitute the call number, which is unique for each book and distinguishes it from all others in the library. The book number usually is based on authorship, but may, as in biography, be based on alphabetical subarrangement of individual subjects within the class notation. For the use and construction of book numbers the reader should consult Bertha R. Barden's *Book Numbers* (Chicago, American Library Association, 1937). Most libraries follow the Cutter or Cutter-Sanborn alphabetic-order tables, or the Library of Congress author numbers. A special book number arrangement for works by and about William Shakespeare, which may be adapted for use with any specific author, appears in the DC tables that follow, under class 822.33. Other systems frequently used for arrangement within classes are by authors' surnames spelled out, by initials of authors' surnames, and by dates of publication.

A class is not necessarily limited to a specific subject. Altho many subjects have their own numbers, e.g., representative democracy as a political entity 321.8, many other specific notations denote groups or collections of specific subjects, e.g., aristocracy, oligarchy, theocracy, plutocracy as political entities all 321.5. The extent to which the system provides specific classes for specific subjects is explained in section 5.2 of this introduction.

2.21 DISCIPLINE The concept of "discipline," or field of specialization, is basic to an understanding of Dewey's system. The primary basis

for DDC arrangement and development is by discipline, while subject, strictly speaking, is secondary. There is no one place for any subject in itself; a subject many appear in any or all of the disciplines. No class can be said to cover the scope of marriage, or water, or tomatoes, or Brazil; in common parlance, there is no single number for any of these concepts or subjects. A work on marriage belongs in 301 if it deals with the sociological aspects of the subject, in 155 if the psychological, in 173 if the ethical, in 234 or 265, depending on the aspect, if the sacramental (Christian), in 296 if Jewish and 297 if Islamic; in 390 if it deals with marriage customs, in 613 if hygiene; in 700 or 800 if it deals with marriage as a subject of art or literature (belles-lettres). Similarly, a work on water may fall in one of many disciplines: metaphysics, religion, economics, commerce, physics, chemistry, geology, oceanography, meteorology, history, and various others. Tomatoes may fall under economics, botany, horticulture, cookery, the art of painting, and elsewhere. Brazil's geography goes in 918, its general history in 981, its social situation in 309, its political situation in 320; and Brazil may turn up as an area concept under any discipline, such as arts of Brazil, languages of Brazil, paleozoology of Brazil.

No other feature of the DDC is more basic than this: that it splits subjects by discipline. This becomes quite obvious when one consults the index, which appears in volume 2. Here, under each subject, will be found the places to class it according to its "aspects," that is, the disciplines under which it may fall. Two examples will suffice here, one simple and one complex:

Gambling	
customs	394.3
ethics	175.9
mathematics	519.1
recreation	795.01
Metals	
chemistry	546.3
geology	
general works	553.1
mineralogy	549.23–.25
industries	
extractive	
metallurgy	
economics	338.47+
technology	669
mining	
economics	338.27+
technology	622.34

manufacturing	
economics	338.47+
technology	671
properties	
chemistry	546.3
engineering	620.16
metallography	669.95

2.22 HIERARCHY The system is hierarchical both as to disciplinary and subject relationships and, with certain minor exceptions, as to notation.

2.221 Hierarchy in notation means that, for the most part, each successive division of the discipline or subject corresponds to a lengthening of the significant notation by one digit, e.g.,

600	Applied sciences
630	Agriculture and agricultural industries
631	Farming
631.5	Crop production
631.58	Special cultivation methods
631.587	Irrigation farming
631.587 2	By furrow system

The reader will observe that "600" is main class 6 plus two zeroes to fill out the three-digit number, and "630" is division 63 plus one such zero. He will also observe the space between the sixth and seventh digits of the last number; this space is not a basic part of the notation, but, in this book for ease in reading, is left between each successive set of three digits after the decimal point.

The digit 0 is used to indicate a different basis for division of the discipline or subject represented by the digits preceding the 0, e.g.,

500	Pure sciences
550	Earth sciences
551	Physical and dynamic geology
551.4	Geomorphology
551.46	Oceans and sea waters
551.460	[Indicates special basis for division]
551.460 1	Composition and properties of sea water
551.460 9	Special oceanographic forms
551.461	North Atlantic Ocean
551.462	Mediterranean and Black Seas

Here the reader will observe that 551.460 1–.460 9 are used for topical (or "problem") subdivisions of the subject oceans and sea waters *in general,* and 551.461–.469 are used for specific oceans and seas. 0 is never used as a terminating digit following the decimal point; 551.460 is not itself used and has no meaning.

Sometimes, it will be found, there is a step in the successive divisions of the discipline or subject for which a position in the lengthening digital notation is not available. Such steps are shown in the tables by spans of numbers; these are called "centered headings." For example, 631–632 deals with general principles of agriculture, 633–635 with production of specific crops, 636–638 with animal husbandry. Each of these major subdivisions of 630 is without the possibility of digital expression in the notation, and is shown in the tables, therefore, by a centered heading, e.g.:

►	633–635 Production of specific crops
633	Field crops
.1	Cereal grains
.11	Wheat

In a few instances the indention is "irregular," that is, the notation is not hierarchically expressive. For example, in 583–584 there are scores of botanical orders, all equal in subject value, represented by numbers varying in length from four to six digits. The tables show the equality of subject value by printing all the headings at the same indention. Similar situations exist among the books of the Bible in 222–229, among the counties under some U.S. states in the area table, and at a few other places.

2.222 Hierarchy in disciplinary and subject relationships means, for example, that whatever applies to or is true of 600 applies to or is true of *all* its subdivisions, what applies to 630 applies to all *its* subdivisions, what applies to the span 631–632 applies to all its subdivisions, what applies to 631 applies to all its subdivisions, on to the finest subdivision. Hence the note under 631.2 Farm structures, "Description, maintenance, use and place in farming," applies to each subdivision: to 631.21 Farmhouses, to 631.23 Granaries, silos, elevators, to 631.27 Fences, walls, hedges, and all the others. Similarly, the instruction under 631–632 General principles, "Class general principles applied to specific crops in 633–635," applies to every part of 631–632; consequently, harvesting corn

should be placed not in 631.55 Harvesting but in 633.15 Corn, and damage to cherry trees from hail not in 632.14 but in 634.23. (By the principle of hierarchy, "in 634.23" means in that number or a subdivision thereof, as will be shown in section 2.33.)

2.3 Memory aids and synthesis of notation We have said in section 1 that notation is not an essential part of a classification system. However, arrangement and manipulation of a system without notation would be most difficult and awkward, and it is, in fact, Dewey's notation system rather than any theoretical excellence of his arrangement and development of the world of knowledge that has been largely responsible for the widespread acceptance and usage of his Decimal Classification. The notation is simple, consisting only of ten digits and a decimal point, is almost universally understood, and lends itself readily to subject synthesis with the benefit of numerous memory aids, or, as Dewey called them, mnemonics.

2.31 Most notable memory aid is the constant repetition of a standard pattern of areal arrangement. In nearly all areal developments, the digits 44, for instance, stand for France, 45 for Italy, 46 for Spain, 52 for Japan, 73 for United States. General history is class 9 (or 900 with two zeroes filling in the empty spaces), and it follows that 944 is general history of France, 945 of Italy, 946 of Spain, 952 of Japan, 973 of United States; general geography is division 91 (or 910 with the empty space filled), and it follows that (with a decimal point following the third digit) 914.4 is general geography of France, 914.5 of Italy, 917.3 of United States; international relations is 327, and 327.44 is international relations of France, 327.73 of United States, and even 327.440 73 international relations between France and United States; distribution of precipitation is 551.577 2, distribution of precipitation in France 551.577 244. The "area table" appears in volume 2 on page 1263.

2.32 Another common repetition is that of the arrangement of languages in class 4. Instead of a more or less systematic sequence by location on the surface of the earth like the area table, this sequence emphasizes, by bringing forward and assigning short notation, those languages, races, cultures most likely, as it seemed to Dewey in 1876, to be emphasized in American libraries; in 1965, with many values changed, we may regret that it does less well by Russian (917) than by Provençal (49), Latin (7), and Greek (8), but the classifier will find that it is not invariably followed to the hilt, so that in some sequences Russian does manage to fare better than it does under linguistics, e.g., general

periodicals in Russian 057.1, in Provençal 054.91, in Latin 059.7. The reader will observe a degree of repetition and memory pattern between the language sequence and that for European countries in the areal arrangement: 2 English (and Anglo-Saxon), 3 German (and Germanic), 4 French (and related), 5 Italian (and related), 6 Spanish, 69 Portuguese, compared with 42, 43, 44, 45, 46, 469 for England (and Wales), Germany (and other central European countries), France, Italy, Spain, Portugal, respectively. In most occurrences of the language sequence 1 is used for either United States or United States and Canadian. Thus, encyclopedias are 030 (03 plus a zero to fill in), and United States and Canadian English-language encyclopedias are 031, other English-language 032, Portuguese 036.9; literature (belles-lettres) is 800 (8 plus two zeroes), and American literature is 810 (81 plus one zero), other English-language 820, Portuguese 869.

2.33 Many other patterns appear in full development at one place with repetition by analogy at other places. To name but a few, each book of the Bible is given the same development as the Bible as a whole ("divided like" 220.1–220.9); each language is given the same development as English ("divided like" 421–428); each agricultural crop is given the same development as the general principles in 631–632, so that damage to cherry trees from hail (cited in section 2.22) does, indeed, go not in 634.23 itself but in a subdivision based on the division of 634.23 like 632.14. In fact, some topics, among them bibliographies and catalogs of specific subjects in 016 and libraries devoted to specific subjects in 026, are given the same development as the whole classification, e.g., bibliography of applied sciences 016.6, of agriculture and agricultural industries 016.63, of irrigation farming 016.631 587.

2.34 Still another patterned repetition is that of the "standard subdivisions," the table of which appears on page 1255. Virtually any subject or discipline may be presented in various forms: as a synopsis or outline, as a periodical, as a collection of writings, in tables, in illustrations. Similarly, most subjects may have certain modes of treatment in common: theory, technique, study and teaching, history. These common forms and modes are known collectively as the "standard subdivisions," and may be applied to any class to which they are appropriate. The notation consists of two or more digits, of which the first is zero, e.g., 05 Serial publications, and may be added to any DC notation taken or derived from the main tables, e.g., serials on the applied sciences 605 (class 6, without the two zeroes that fill empty spaces in 600, plus

standard subdivision 05), serials on agriculture and agricultural industries 630.5 (division 63, without the zero that fills an empty space in 630, plus 05, with a decimal point following the third digit), serials on farming 631.05, on crop production 631.505, on harvesting 631.550 5.

2.4 Versatility and flexibility A valuable feature of the DC notation, not shared by some of the other commonly used classification systems, is its adaptability to the needs of libraries of different sizes and natures. The DC can be used equally well for broad classification and for close. For example, a small library or a large one with only a few titles on the subject can class the production of field crops in 633 without subdivision. A somewhat larger library can class general works in 633, works on production of cereal crops in 633.1, of forage crops in 633.2, and so on. A library with a still larger collection can divide its books into such detail as it requires. As any library's collection increases in size, it can differentiate its books to a finer and finer degree of specificity simply by adding further digits to the notation. A work on damage to cherry trees from hail can be placed in 634, 634.2, 634.23, 634.239, 634.239 1, 634.239 14, depending on the degree of closeness in classification required. The full edition of the DDC may be used by general libraries of any size, from the largest, which may follow it in full detail at least in some subjects, to the smallest, which may reduce ("cut back") any or all schedules to the degree considered desirable. The abridged edition supplies reduction on a ready-made basis and is convenient for small libraries to use on that account, but, except at its own level, it does not allow for judicious decision on what schedules to reduce and how far to reduce them to meet specific local needs.

2.5 Faults and virtues The faults inherent in the DDC are many. No serious student of classification since 1876 has failed to note them, and numerous critics have arisen to attack the system because of them. Among the more important are: (1) its weaknesses in overall arrangement of the world of knowledge, separating general history from social sciences, language from literature, political science from public administration and law, economics from commerce, and others; (2) its failure to assemble at one point all that a student or reader may want on a topic; (3) its preoccupation with decimal notation and its tailoring of subject relationships to the rule of ten. Brief comment on each of these criticisms follows.

2.51 The overall arrangement does not necessarily follow theoretical or logical concepts, nor did Dewey intend it to do so. DDC's aim was and is

to provide a practical system for storage and retrieval of books. Consistency it must have, but logic not necessarily; for example, class 3, comprising 300–399, must be consistent in containing only what its heading "The social sciences" says it contains, but the illogic of separating political science from law by the interposition of economics is of less consequence. As to language and literature, it may be argued that, while colleges teach them together, and no doubt professors would find it convenient to find the two together on library shelves, language has no theoretical affinity with literature, is in fact used by all disciplines, is a basic tool of communication, and therefore falls with a certain reasonableness between social and pure sciences. In any event, no library of any size arranges all classes in one grand sequence 000–999, not even the Library of Congress, which devised its own classification system to meet its own unique requirements.

2.52 No system of classification can assemble at one point all that each student or reader may want on the topic of his current interest, because no two students or readers are alike. And no linear system of classification can arrange topics in a schedule or books on the shelves so as to display every point of view and all practical and theoretical relationships.

2.53 If notation is one of the DC's weaknesses, it is also its greatest strength. Its flexibility and memorability have already been mentioned; means for coping with its occasionally extreme length will be dealt with in section 5.2. Dewey was never as fascinated by the number 10 as his critics would lead one to think: he was chiefly concerned with practicality; and his successors have devised ways that he did not require to work around the limitations of but ten different notational symbols.

2.54 In short, the DDC has been criticized in large part for not being what it does not set out to be: a detailed fully logical system for classified catalogs and classified bibliographies, with specific separate provision for every minute topic on which books, if not also reports and articles, have been or are likely to be written.

As W. C. B. Sayers says, in his *A Manual of Classification for Librarians and Bibliographers* (London, Grafton, 1959. p. 125):

> No one now rushes to defend the D. C. on the grounds of the modernity of its order or the brevity of its notation. The curious fact remains that more and more libraries throughout the world continue to use it, many of them modifying it; somehow it works. We should fail in our appreciation of services rendered if we did not say that a scheme which has survived for eighty years in ever-growing currency in spite

> of merited criticism must have virtues which in practice outweigh our theoretical objections. These are its accessibility and the ease with which it may be applied in whole or in part to collections of books and other material of any size, and expanded as these collections grow. Even if the order of the main classes and of some divisions is unacceptable to many minds, there is in ordinary general library practice no obvious necessity for an optimum order, although such an order is in some way necessary to the ideal scheme, which should be one of logical classes in logical relations.

to provide a practical system for storage and retrieval of books. Consistency it must have, but logic not necessarily; for example, class 3, comprising 300–399, must be consistent in containing only what its heading "The social sciences" says it contains, but the illogic of separating political science from law by the interposition of economics is of less consequence. As to language and literature, it may be argued that, while colleges teach them together, and no doubt professors would find it convenient to find the two together on library shelves, language has no theoretical affinity with literature, is in fact used by all disciplines, is a basic tool of communication, and therefore falls with a certain reasonableness between social and pure sciences. In any event, no library of any size arranges all classes in one grand sequence 000–999, not even the Library of Congress, which devised its own classification system to meet its own unique requirements.

2.52 No system of classification can assemble at one point all that each student or reader may want on the topic of his current interest, because no two students or readers are alike. And no linear system of classification can arrange topics in a schedule or books on the shelves so as to display every point of view and all practical and theoretical relationships.

2.53 If notation is one of the DC's weaknesses, it is also its greatest strength. Its flexibility and memorability have already been mentioned; means for coping with its occasionally extreme length will be dealt with in section 5.2. Dewey was never as fascinated by the number 10 as his critics would lead one to think: he was chiefly concerned with practicality; and his successors have devised ways that he did not require to work around the limitations of but ten different notational symbols.

2.54 In short, the DDC has been criticized in large part for not being what it does not set out to be: a detailed fully logical system for classified catalogs and classified bibliographies, with specific separate provision for every minute topic on which books, if not also reports and articles, have been or are likely to be written.

As W. C. B. Sayers says, in his *A Manual of Classification for Librarians and Bibliographers* (London, Grafton, 1959. p. 125):

> No one now rushes to defend the D. C. on the grounds of the modernity of its order or the brevity of its notation. The curious fact remains that more and more libraries throughout the world continue to use it, many of them modifying it; somehow it works. We should fail in our appreciation of services rendered if we did not say that a scheme which has survived for eighty years in ever-growing currency in spite

> of merited criticism must have virtues which in practice outweigh our theoretical objections. These are its accessibility and the ease with which it may be applied in whole or in part to collections of books and other material of any size, and expanded as these collections grow. Even if the order of the main classes and of some divisions is unacceptable to many minds, there is in ordinary general library practice no obvious necessity for an optimum order, although such an order is in some way necessary to the ideal scheme, which should be one of logical classes in logical relations.

3. How to use DC

To the beginner, whether student or practitioner, a first view of the Dewey Decimal Classification may be somewhat intimidating; it is the purpose of this, the practical part of the introduction, to lay open DDC's fundamental simplicity by presenting advice on how to use it to class a book or classify a library. What follows is intentionally didactic in form.

3.1 Preliminaries Before you try to use it, acquaint yourself with the system. Study the three main summaries preceding the general tables. Learn the ten main classes, and look thru the sequence of divisions and sections. Then leaf thru the tables. Observe the many summaries to specific schedules. Knowledge of the pattern will come rapidly with use, and especially so if the tables rather than the index are consulted first in classifying. Notice the effect of the principle of hierarchy: Each entry except the ten main classes is a part of and governed by every entry superior to it. To understand the full meaning and force of 631.587 2, you must view it as a part of 631.587, which, in turn, is a part of 631.58, which is a part of 631.5, which is a part of 631, which is a part of 631–632, which is a part of 630, which is a part of 600. (This is known colloquially in the Decimal Classification Office as the "drip" principle: the qualities of each superior entry "drip" to those below it.)

Do not fail to look thru the special tables of standard subdivisions and areas, both in volume 2.

Be sure also to observe the special nature of main classes 8 and 0. In class 8, subject is disregarded for works of belles-lettres, e.g., a play about Julius Caesar and Roman history, whether by Shakespeare or an amateur, is a piece of imaginative literature, good, bad, or indifferent, and belongs in the appropriate part of 800 instead of under history or biography. Arrangement of belles-lettres is first by the discipline belles-lettres, then by original language, then by form, then by period of composition (but note that literature itself may be a subject). In class 0, general encyclopedias (030), periodicals (050), newspapers (071–079), collections and anthologies (080), and general publications of general societies (060–068) have no specific subject and form part of no one discipline; the most significant thing about them, after their generality, is their respective forms. Arrangement of generalities is first by form, then by language or place as the tables provide. In all other classes (including 000–029, 069, 070.1–.9, 090) arrangement is first by most specific discipline and most

specific subject under it, then by areal specification of the subject if the tables permit, then by temporal specification if the tables permit, then by form of presentation.

3.2 Analysis of a book Before you can fit a book into the system, or "class" it, you must know exactly what its subject is, and from what point of view and in what form that subject is treated. To discover this is not always easy:

Sometimes the *title* indicates what the book is about; however, it is often misleading, and some further method should always be used as a check.

The *table of contents* is usually an excellent guide.

If there is no table of contents, *chapter headings* and *marginal notes* are likely to give a good indication of the contents. Clues may also be provided by bibliographies and lists of sources used by the author.

It is always wise to scan the *preface* for the author's point of view, even if it merely verifies a decision already based on some other aid.

If the sources named above prove unsatisfactory, a careful examination of the *text* may be necessary.

If the subject is complex or unfamiliar to you, you may have to go to external sources. Information regarding the subject of the book may be obtained from bibliographies, catalogs, biographical dictionaries, histories of literature, encyclopedias, reviews, and other *reference books*.

Subject *experts* should be consulted when all other methods fail, and sometimes for verification of a tentative decision. But do not let the subject experts who are not also book classification cxperts occupy your time telling you how to remake the classification tables; what you need from them is assistance in placing given books on difficult subjects within an existing scheme.

Note well that many books are on two or three or many subjects, considered separately or in their interrelationships; and that many books are on two or more aspects of one or more subjects, that is, on a subject or subjects within two or several disciplines, e.g., on both the economics and the technology of the textile manufacturing industry, or on both nuclear physics and nuclear engineering, or on both architectural design and construction principles of dwelling houses, or on the sociological, ethical, religious aspects of divorce. Note, too, the current trend toward interdisciplinary studies in depth, particularly in the social sciences. To become a good classifier, it is most important that you analyze each book carefully, not only to ascertain its subject or subjects but also to determine to what extent it crosses traditional lines of study.

3.3 Selection of class number Before becoming involved in the application of the tables to such compound and complex subjects as those just mentioned, we shall consider the procedures for classing a book on one subject in one discipline.

3.31 APPROACH Having determined the book's subject, and the point of view from which the subject is treated, you are ready to class it. There are two basic approaches to the classification tables: direct, and thru the index. Beginners will usually find the latter approach speedier, but it is not recommended because it delays the process of becoming fully acquainted with the system. Note that, whether you are beginner or expert, you must not and, in fact, you cannot class directly from the index. The index provides leads to the tables but is not exhaustive and can never be a substitute for them. In any event, if your approach in a given situation is thru the index, find first the subject and then look under it for the proper aspect. If, for example, your book is on metals, you will find under "Metals" various aspects, most with subaspects and subsubaspects. Finding the one that characterizes your book, you can then turn to the correct part of the tables and analyze the specific number that appears to fit. The better approach is to go direct to the tables, using the index if necessary to locate the proper discipline; only when you are lost in the tables is it recommended that you turn to the index for your initial subject lead-in. For more detailed information on use of the index, see section 3.6.

If your approach is direct, first determine into which of the ten major classes the book falls. If the subject is metals, is it the science of metals (class 5), the technology (class 6), the economics (class 3), artistic work in or on metals (class 7), or even metals in the Bible (class 2)? Having chosen the proper major class, then, as if there were no other, determine into which of its divisions the book falls. If the subject is metal technology, is it metals as engineering materials (division 62), mining of metals (also 62), treatment (66), fabrication (67), metals in hardware (68), in building (69)? Then in the same way determine the proper section, subsection, and subsubsection, until you have come to the most specific head (used by your library) that will encompass the subject of the book. Even if that head is less specific than the subject of the book, you have arrived at the right place; possibly a future expansion will give you an even more detailed number; for example, a book on education of royalty belongs under 371.96, even tho the head encompasses other topics

as well. At each stop on the way look carefully at the notes and directions, making certain that you have not followed a false trail. Do not depend solely on the main or any of the 240 special summaries; they exist only to speed you to tentative decisions and lack the fine distinctions that must be considered before any decision is final.

If you know the tables well or if you come to them via the index, you may start at once with a specific number. In that case it is most important that you go up the ladder, testing at each level to see if the particular subject of your book belongs within the concept named and described. Whether you go up or down, analyze every step, including centered headings, which are readily spotted by the inch-long lines preceding them and the indicators adjacent to them. Read every heading, note, and cross reference carefully.

3.32 HEADINGS Each heading consists of a word or phrase so inclusive that it covers all subordinate topics and entries. The actual wording may be incomplete, because the heading must be read as part of the larger group that includes it, e.g., in 440 "French, Provençal, Catalan" means those languages, but in 840 the same heading means those literatures; in 336.294 2 "On persons" means incidence (336.294) of taxation (336.2) on persons.

3.33 DEFINITIONS AND SCOPE NOTES In some instances a heading requires, for complete understanding, the qualifications stated in the note following, e.g., 336.274 Licenses: "To engage in specific acts, businesses, professions." Others are followed by definitions, e.g., 330 Economics: "The science that deals with production, distribution, consumption of wealth." (Observe that this definition, and the one at 300 The social sciences, "The sciences that deal with social activities and institutions," rule out home economics as a subdivision of 330; the latter is, in fact, an applied science, is defined as "Care of household, family, person," and belongs in 640.) When no definition is given, the term is understood to be used as delimited by its subdivisions, or as defined in Webster's *Third New International Dictionary* or in other general unabridged dictionaries of the English language. Still other headings are followed by notes enumerating specific qualifications applicable to the subject and its subdivisions, e.g., 631.2 Farm structures: "Description, maintenance, use and place in farming" of farmhouses (631.21), barns (631.22), and so on, as distinct from "design and construction" (725–728) of the same buildings (728.67, 728.9). Still others are followed by notes stating the "scope," that is, subordinate qualifications not obviously part of the

heading, that "drip" down thru the subdivisions, e.g., 362.2 welfare services to the mentally ill, "Scope: psychiatric social work," a concept that applies to each subdivision of the number.

3.34 INCLUSION NOTES Notes beginning "Including" do *not* "drip"; they are enumerations of subordinate topics not obviously part of the heading on which there is as yet insufficient literature to justify separate provision. For example, 301.428 Family disorganization, dissolution, adjustment is a subject with four named subdivisions: divorce and remarriage each with its own number, death and separation each given "standing room" in the general number.

3.35 INSTRUCTION NOTES Notes of instruction are of various kinds.

3.351 *Optional provision* If you desire for local reasons to place books in numbers other than those provided by the schedules, you will do so without official encouragement. However, a few official alternatives are provided, but with the editors' preference, which will be followed by the printed catalog card service of the Library of Congress, always clearly shown. For example, 229.24 deuterocanonical book of Judith: "If preferred [i.e., if you prefer], class in 222.88"; 222.88: "(Optional; [the editors] prefer 229.24)." Again, 901.9 Civilization: "If preferred, class in 909"; 909 World history: "(Optional: civilization; prefer 901.9)."

3.352 *Use of more than one 0 in standard subdivisions* As stated in section 2.34, standard subdivisions, which generally consist of two or more digits, the first being 0, may be used with any number at any level whenever they are appropriate. But in some places, for various reasons, notation beginning with 0 is used for another purpose, in which case you are instructed (for example) to "Use 335.001–335.009 for standard subdivisions," or, sometimes, to "Use 361.001–361.008 for standard subdivisions" (the concept normally belonging in 09 being otherwise provided for). On occasion you are instructed to use three or even four 0's for standard subdivisions. This instruction does not "drip"; it applies only exactly as stated.

3.353 *Synthesis of notation* Frequently the opportunity is presented to expand a given number synthetically without enumerating its subdivisions.

3.353 1 *Area notation* When a given heading has particular geographic significance and there are numerous books dealing with the subject in a given continent, country, locality, or other area, provision is made to expand the number for that heading by area. For example, under 331.29

Historical and geographical treatment of wages, you will find the instruction, "Add area notations 1–9 to 331.29." This means that a book on wages in Japan is to be placed in 331.295 2, that is, 331.29 plus the number 52 for Japan from the area table on page 1263. Wages in Tokyo would fall in 331.295 213 5, wages in rural regions in general in 331.291 734. Observe that wages in rural regions of Japan does not belong in 331.291 734 (because under area 1 appears the note, "Not limited by continent, country, locality"), but rather in 331.295 2; an optional note under the centered heading for areas 3–9 tells you that, "if desired," you may add 009 to the number for Japan or any other continent, country or locality and divide like area notation 1. (Even where specific provision for adding area numbers is not stated, they may be added to standard subdivision 09, as shown in the table of standard subdivisions, e.g., special education in Japan 371.909 52. For full information see section 3.37.) The instruction to add area notations does not "drip" to subdivisions of the number under which it appears; instead it is an instrument for authorizing the formation of those subdivisions without explicitly stating them.

3.353 2 *Division* The same is true of the instruction to "divide like" another number or sequence. This is another important basis for synthesis of notation, or "number building." It may appear under a single number or a sequence of numbers, and it directs you to divide that number or sequence like a single number or like a sequence. Actually, in every case, one sequence, the primary one, is to be divided like another sequence, the secondary one. Many classifiers have found the procedure confusing, but it need not be so if one works methodically. First, determine and set down the full span of the secondary sequence. Second, set down the number from that sequence that is appropriate to the work in hand. Third, cancel the repeating digits of the secondary sequence, i.e., the digits that appear thruout its entire length without change. (There may be none.) Fourth, substitute for them the repeating digits of the primary sequence. Fifth, insert the decimal point appropriately and delete any terminal 0's. For example, class infant baptism under 234.16, and "divide like 265.1–265.7":

1. 265.1–265.7	Full span of secondary sequence.
2. 265.12	Number in this span for infant baptism.
3. (265.) 12	Cancel all repeating digits of secondary sequence.
4. (234.16) 12	Substitute repeating digits of primary sequence.
5. 234.161 2	Desired number.

Class crossbreeding in sheep under 636.308, and "divide like 636.08":

1. 636.081–636.089
2. 636.082 43
3. (636.08) 2 43
4. (636.308) 2 43
5. 636.308 243

Class adaptations of mammals to drought under 599.01–599.09, and "divide like 591.1–591.9":

1. 591.1–591.9
2. 591.542
3. (591.) 542
4. (599.0) 542
5. 599.054 2

Class bibliography of agriculture under 016, and "divide like 001–999," with no digits common to secondary sequence:

1. 001–999
2. 630
3. 630 Nothing to cancel.
4. (016) 630 Prefix 016.
5. 016.63

"Divide like" means to divide like the secondary sequence to the extent that is appropriate to the heading, definition, and scope governing the primary sequence. For example, area notation 174 Ethnic groups is to be divided like 420–490. In the sequence 420–490 appears 499.992 Esperanto. Since this is an artificial language, area notation 174 999 92 is not applicable to ethnic groups, and is, in fact, an absurdity.

3.354 *Priorities of arrangement* As we saw in section 1, many subjects may be divided according to more than one principle. We also saw (in section 2.221) that the digit 0 is used to introduce a change in the basis of division. Two 0's and three 0's may be used to introduce still other bases of division, as, for an extreme example, 350.000 1–.000 9, 350.001–.009, 350.01–.09, 350.1–.9, 351–359. A given book may divide its subject simultaneously according to two or more principles, e.g., composition and properties (551.460 1) of the water of the North Atlantic Ocean (551.461). This raises a question of priority: by which characteristic should one class the book? With rare exceptions where the schedules themselves specify otherwise, such as at 808.89, subdivisions without 0 take precedence in choice over those with one 0, those with one 0 over those with two 0's, those with two 0's over those with three 0's.

Consequently, the book goes in 551.461 not 551.460 1. But two or more principles of division may be provided for in numbers none of which have 0's (or all of which have the same number of 0's). Then the schedules themselves give instructions on priority of choice, so that the classifier may avoid the confusions of cross classification. You may have a book on labor by aged Negro women slaves; should you class it in 331.398, 331.4, 331.582, or 331.639 6? The instruction under centered heading 331.3–331.6 tells you, by a table of precedence, to use 331.398. Now, suppose your book is on night work by aged Negro women: 331.398 or 331.81? The first note under 331.3–331.6 specifies that work periods of special classes of workers belong there, but, if you happen to arrive first at 331.81, you will find at 331.8 an instruction to class the topics that follow in relation to special classes of workers in 331.3–331.6. Either way, the correct number is 331.398.

We have not yet come to cross references, but it is appropriate to point out here that many cross references serve the same purpose of eliminating the dangers of cross classification by indicating the preferred basis of division, e.g., the cross reference from 331.2 to 331.3–331.6 tells you that books on wages of aged Negro women are to be placed in the latter span.

In any case of cross classification where the bases of division include subject, place, form, the order of preference is as follows, regardless of the absence of instructions or cross references: (1) subject, (2) place, (3) form. Only the presence of explicit directions to the contrary and the rule that non-0 takes precedence over 0 supersede this order of precedence. Examples: (1) The general principle tells you to class guaranteed-wage plans in the United States in 331.230 973 not in 331.297 3. (2) Explicit directions to the contrary at 325.309 tell you to class colonization in Australia in 325.94 not in 325.309 94. (3) The rule of non-0 preceding 0 tells you to class composition and properties of the water of the North Atlantic Ocean in 551.461 not in 551.460 1. (4) The general principle tells you to class a peroidical on science research methodology in 501.8 not in 505, i.e., standard subdivisions of a substantive nature take precedence over those that are forms.

Otherwise, the editors have tried to anticipate most situations where cross classification is likely to be a problem, and to provide specific guidance. Where they have not anticipated the need for a note, the following precedence formula is a generally reasonable and helpful one to follow, altho it may require modification in certain places: Class the

subject by (1) kinds, (2) parts, (3) materials, (4) properties, (5) processes within it, (6) operations upon it, (7) agents. (Observe that, while North Atlantic Ocean is a place, it is also a part of oceans and sea waters, so that classing composition of its waters in 551.461 reflects this formula by giving parts precedence over properties.)

3.355 *Relocations* A relocation is an adjustment in the tables resulting in the shifting of a topic from the number provided for it in Edition 16 to a number in the present edition that differs in respects other than length, e.g., the shift of astronautics from 629.138 8 to 629.4, whereby the original digits are not added to or cut off, but all following 629 is changed. If the relocation is total, i.e., the entire number formerly used is to be vacated, the number is enclosed in square brackets, and there is an instruction showing where the subject formerly in that number is now placed, e.g., [629.138 8] Astronautics: Class in 629.4. If the relocation is only partial, it is indicated in a note of instruction, e.g., 243 Evangelistic writings: Class evangelistic sermons [*formerly* 243] in 252. Total relocations are not to be confused with entries and instructions showing that concepts normally belonging in standard subdivision notations are to be placed instead in other numbers, e.g., [331.209] Historical and geographical treatment: Do not use; class in 331.29. Relocation notes "drip." For example, the note under 336.2, "Class tax administration [*formerly* 336.2] in 350.724," applies to this subject thruout 336.2. In Edition 16 administration of specific kinds of taxes was provided for with other works on those taxes in 336.21–.27, and general works on tax administration were provided for in 336.292; this relocation note tells you to class all works on tax administration, formerly in 336.2 and various of its subdivisions, in 350.724 *and its subdivisions.*

3.36 CROSS REFERENCES These direct you from the stated or implied totality of a given subject to component parts of that subject provided for elsewhere than in the number referred from or numbers subordinate to it, e.g., under 385 Railroad transportation: *For local rail transit systems, see* 388.4. Cross references are not used to lead from a subject in one discipline to the same or a related subject in another discipline. They lead only from the whole subject within its discipline to parts of the subject within the same discipline located elsewhere. However, a few subjects from a single point of view are considered parts of two separate disciplines, e.g., the scientific aspect of geomagnetism, which is equally part of physics and of earth sciences. This subject is

provided for in 538.7 under magnetism with a cross reference from 551.1 Gross structure and properties of the earth.

Cross references "drip." For example, the reference from 331.2 to 331.3–331.6 means that any subdivision of 331.2 if applied to specific classes of workers belongs in 331.3–331.6, e.g., wages of women in specific occupations in 331.42 not in 331.28.

On very rare occasions one reference may appear to cancel part of the effect of another; in such cases, the reference at the more specific level overrides the other. An example is 322–323: at 323 Relation of state to individuals and groups is a reference, "*For relation of state to organized groups, see* 322," but under 322.4 Protest and pressure groups is an overriding reference, "*For relation of state to revolutionary and subversive groups, see* 323.2." This means that the relation of the state to revolutionary and subversive groups, even tho organized, is placed in 323.2 in spite of the reference at 323 implying otherwise.

3.37 STANDARD SUBDIVISIONS Having analyzed thru all the steps of the ladder the number chosen for the book in hand, and decided that it is the correct and most specific number, you are now ready to consider what further specification is desirable, i.e., whether any of the standard subdivisions are applicable. If your book deals with technique and apparatus of the subject, you may add 028; if it consists of a collection of articles on the subject, you may add 08; most common of all, if the book deals with the subject in the United States only (or in Marrakesh), you may add 097 3 (or 096 46). See the table on page 1255.

Observe here a very important limitation in the use of standard subdivisions: do not add them to the number chosen for a book that deals with a subject more specific than the content of the number, i.e., if the subject of the book does not have its own specific number. For example, class a collection of writings on architecture of office buildings in 725.230 8, but class a collection of writings on architecture of television towers in 725.23. The reason is that there is always the chance that in a later edition the subject will be subdivided and you will then face complications in adjustment; for example, perhaps in Edition 18 television towers will be provided for specifically in some such number as 725.237, and you can then use 725.237 08 for your book.

It is their standard meanings that make these subdivisions "standard." Nevertheless, sometimes a given standard subdivision when applied to a given subject may logically be given one or more meanings that are extensions of and compatible with the basic meaning, and you will then

find in the tables an entry or group of entries specifying the extension. A simple example is 720.223 Plans and detail drawings in architecture, an extension of standard subdivision 022 3 Plans. A more elaborate one is 669.028 2–.028 4 for a special expansion, applicable only to metallurgy, of standard subdivision 028 Techniques, apparatus, equipment.

Frequently standard subdivisions are to be placed in 001–009 or 000 1–000 9; as we have seen in section 3.352, instruction notes tell you when.

Sometimes, most often for 09, a concept ordinarily placed in a standard subdivision number is found instead with an irregular notation; most of these date from earlier editions of the DC that were prepared before the table of standard subdivisions became so detailed. These instances are all noted under the numbers where you would normally expect to find them. Examples:

[730.28] Techniques, apparatus, equipment
Do not use; class in 731.3–731.4

[747.09] Historical and geographical treatment
Do not use; class in 747.2

328.309 Historical and geographical treatment
Class treatment by continent, country, locality in modern world in 328.4–328.9

(That is, use 328.309 01–328.309 04, 328.309 1–328.309 3, but instead of 328.309 4–328.309 9 use 328.4–328.9.)

602.7 Identification marks
Class patents and inventions in 608.7

(That is, use 602.75–602.78, but instead of 602.72 use 608.7.) It is obvious that you should not use a standard subdivision until you have made sure from the tables that its use is not irregular as to notation or meaning. The warning not to use standard subdivisions for a book that deals with less than the whole subject covered by the number applies equally to those situations where standard subdivision concepts, including areal and temporal specification, appear in irregular notation.

When a standard subdivision or span of standard subdivisions is specifically named in the tables, it is understood that, unless there are contrary instructions, the usual subsubdivisions may be used, e.g., 332.673 09 Historical and geographical treatment is to have area notations 1–9 added to it just like any standard subdivision 09, 332.06 Organizations is to be divided into 332.061, .062 and so on just like any standard subdivision 06.

3.38 SUBJECT NOT PROVIDED FOR In the world of today, knowledge grows so fast that any edition of the DDC is outdated before it appears. With little doubt, you will have books on subjects for which the tables and index have provided a place neither explicitly nor implicitly. Do *not* make up your own number for such a subject; as sure as you do, the next edition will place the subject in another number and use the number you chose for something else! The guiding principle is to follow exactly the same procedure outlined above: determine the correct main class, then the correct division, then the correct section, continuing until you have arrived at the most specific head that will contain the subject of your book. It may be that you cannot go beyond three digits; stop right there and give your book standing room, and wait for the editors to supply a more detailed number, which you may then use simply by adding digits to the number you have already chosen. Do this carefully, and you will rarely go wrong. An example for the future is a bit difficult to imagine, but two from the past may be illustrative. Edition 16 provided for astronautical engineering in 629.138 8 (now relocated to 629.4) but for no other aspects of man in space. A classifier with a book on the physiology of man in space might have been tempted to class it in 629.138 8, but that would have been wrong; he should have used 612.01 or even just 612, which is now expanded to 612.014 5 for the precise subject. Edition 16 provided no place for transportation by overland air-cushion vehicles (hovercraft), but a classifier following the principles outlined here would have used 388.3, and found his decision confirmed by the appearance of 388.35 in the present edition.

3.4 Compound and complex subjects The foregoing rules and principles provide a basis for classing a book on one subject in one discipline. But, as we have seen, your analysis of the book may have shown that it deals with two or three or many subjects, considered separately or in their interrelationships; or with two or more aspects of one or more subjects. Assuming that you are using the DDC as a shelf classification, obviously you must choose one place and class the book there. Since most libraries employ other methods of subject control in addition to shelf classification, the chances are that the subject catalog, whether alphabetical or itself classified, will provide additional leads. Where, then, should you class the book?

3.41 MORE THAN ONE SUBJECT (1) Class a book dealing with two or more interrelated subjects with the one that receives the chief emphasis. For example, class an analytical work dealing with Shake-

speare's influence on Keats with Keats. The emphasis may be a reflection of the relative amount of space devoted to each subject, or of the author's purpose, or of both. The author's purpose in the work imagined above may be said to be an exposition of Keats's work. If the treatment of Keats occupies only a small portion of the book, say less than a third, and does not permeate the portion that deals specifically with Shakespeare, then the heavy preponderance of space devoted to Shakespeare should carry more weight than the author's purpose of explaining Keats, and the book should be placed with other works on Shakespeare. But if the author's purpose is pervasive thruout the book, even tho the treatment of Shakespeare actually occupies more space, then greater weight should be given to purpose, and the book should be placed with other works on Keats. Such decisions are sometimes very difficult to make. (2) Class a book dealing with two or more subjects, not particularly interrelated, e.g., a descriptive work on the beliefs and practices of Judaism, Christianity, and Islam, with the one that preponderates. (3) If no emphasis or preponderance is apparent, (a) class a book on two subjects with the one coming first in the classification tables, or (b), optionally, class a book on two subjects that are both subdivisions of a broader subject with the broader one; and (c) class a book on three or more subjects that are all subdivisions of a broader subject with the broader one. Examples: (a) class a book dealing with equal emphasis with Judaism (296) and Islam (297) in 296, or (b), optionally, in 290; (c) class a similar book dealing with Hinduism (294.5), Judaism, and Islam in 290.

3.42 MORE THAN ONE ASPECT (1) Class a book dealing with a subject from two or more points of view or aspects, i.e., within two or more disciplines, with the aspect that receives the most emphasis. For example, class a book dealing with both the scientific and engineering principles of electrodynamics in 537.64 if the engineering aspects are introduced primarily for illustrative purposes, in 621.31 if the basic scientific theories are introduced primarily as a preliminary to the author's development of an exposition of engineering principles and practices. (See also section 3.44.) (2) Class a book dealing with a subject from two or more aspects but having no apparent emphasis with the one that preponderates. (3) If no emphasis or preponderance is apparent, class a book dealing with a subject from two or more aspects with the underlying or broader discipline, e.g., science underlies technology, art is broader than belles-lettres. (4) Lacking any other principle, class in the discipline that comes first in the schedules.

To class a book on two or more interrelated subjects considered from two or more aspects, you may have to apply a combination of all the foregoing rules. Do not overlook the possibilities of class 0, e.g., 001.3–001.4, 080.

3.43 CENTERED HEADINGS As seen above in section 2.221, centered headings are steps in the successive divisions of a discipline or subject for which positions in the lengthening digital notation are not available. Since a given book can have but one class number, it is necessary to indicate how to class books dealing with concepts in centered headings. (1) If the span of entries directly subordinate to the centered heading is three or more, (a) class comprehensive works in the next higher number, e.g., classical physics (531–538) in 530, dental surgery (617.64–617.67) in 617.6, England (area 421–428) in area 42; but (b) always check to see if a general-special subdivision of the next higher number has been provided, i.e., a subdivision based on a 0-notation, e.g., transportation services (385–388) in 380.5, applied ethics (172–179) in 170.202; and (c) class elsewhere only in the rare instances where you are so instructed in a note under the centered heading, e.g., Romance languages (440–460) in 479.1, metallurgy of nonferrous metals (669.2–669.7) in 669.7; but (d) note that when the centered heading covers "specific" parts of something, general works may be in a preceding specific number without notice at the centered heading, e.g., Old Testament (specific parts 222–224) in 221. (2) If the span of entries directly subordinate to the centered heading is only two, (a) class comprehensive works in the first of the two numbers, e.g., valves in electronic circuits (621.381 51–621.381 52) in 621.381 51; but (b) class elsewhere if you are so instructed, e.g., public revenues (336.1–336.2) in 336.02, technology of food and drink (663–664) in 664.

3.44 APPLICATIONS Class an application of a principle, concept, science, procedures, technique with application. For example, class general principles of radio communication engineering in 621.384 1; special developments of radio engineering, e.g., the circuitry and instruments used in space communication, in 621.384 19; but the application of space communication to astronautics in 629.437 and 629.457.

3.5 Reduction We have indicated in section 2.4 that a valuable feature of the DC notation is its adaptability to both close and broad classification. How close or how broad the classification of a specific library should be is a matter of administrative determination. It is likely that only a very large general library or a library with enormous collections in certain

subjects will follow the present edition to its fully expanded detail, and none of those in every section. In short, every library using these tables will reduce them in some or many parts. The detail supplied herein is intended to be more rather than less than what most libraries will require, because it is easy to cut back, either from the tables themselves or from the numbers recommended by central classification services for specific titles, but not easy, or advisable, to expand beyond what is officially provided. According to the printed tables, a book on the fresh-water plants of Lake Pontchartrain would fall in 581.929 763 34, a number likely to be required only for a botanical library or a general library with a very large collection in botany; most libraries will be adequately served by 581.9, or at most 581.929.

Do not cut notation to less than three digits, no matter how small your collection may be. A library specializing in science and technology may have half a dozen books on religion, and the classifier may be tempted to class them all just in 200. In the long run this is false economy; it is better to class the King James Bible in 220 (cut back from 220.520 3), the work on paleontology and religion in 215 (cut back from 215.6), the work on YMCA organization in 267 (cut back from 267.33).

Do not cut a number so that it ends in a 0 to the right of the decimal point.

Cut at a reasonable spot, i.e., one that will bring about a useful grouping. This requires special care when applied to synthesized numbers. For example, if you have a large collection on the subject, you may find it desirable to class a book on economic conditions in Oxfordshire in 330.942 57. But if your collection is not of such a size as to justify a breakdown by counties, it is unlikely that you will consider 330.942 5 (East Midlands) a very useful grouping; instead you will probably use 330.942. On the other hand, a similar work covering Glamorgan can be quite satisfactorily assigned to 330.942 9 (Wales), because this is more likely to be a useful grouping. Many libraries consider geographic breakdown below country unnecessarily detailed except in 9+ for general history and 91+ for geography. Indeed, with a quite small collection you may consider 330.94 satisfactory for books on economic conditions in all parts or any part of Europe. For another example, you may find the detail of 331.287 721 necessary in a large collection for wages in the cotton textile industry, or you may find 331.287 7 (wages in the textile industry) or 331.287 (wages in manufacturing) or 331.28 (wages by occupation) useful groupings in smaller collections, but it is doubtful if 338.287 72

(wages in textile industries using seed-hair fibers) would prove very useful.

Be sure that when you cut you do just that; do not change digits. For example, if your collection of books on birds is so small that you do not wish to take advantage even of the differentiation provided by 598.3, 598.4 . . . 598.9, do *not* use 598.2 as a general gathering place for all books on birds, even tho it is headed "Aves (Birds)"; instead cut right down to 598. (You can still use 598.1 for books on reptiles.) If you use 598.2, you will be obliged, if future growth requires that your books on birds be divided, to remove the "2" and substitute "3," "4". . ."9."

Record in the schedules all decisions for reduction. Do not try to record decisions of this nature in the index; an index entry (like a cross reference, relocation, or other note of instruction) leading to a number that is cut back will then be understood to lead only to the most detailed number that has been retained. Thus, if the schedule 551 is cut back to four figures (i.e., to 551.1, 551.2, 551.8, etc.), the index entry for dikes leading to 551.88 will be understood to lead only to 551.8, and the cross reference from 525.2 to 551.12 will be understood to lead only to 551.1.

3.6 Index In the event that your initial lead-in to the classification is thru the index, which, as we saw in section 3.31, is not recommended except when a direct approach to the tables has proved fruitless, you should know how the index is constructed and how to use it.

3.61 The index is *relative* (and is traditionally known as the "relative index"): rather than recapitulate the tables alphabetically, it reverses them, in that it brings together the various aspects of a subject to show their dispersion thruout the tables. For example, if you have a book on botanical drugs and look under that term, you will find several aspects and subaspects, including chemistry, general pharmacology, and veterinary pharmacology, each leading you to a number in the tables. This number may be the most precise and specific one available, as is the case with 547.72 for the chemical aspects. Or, it may be a general number of which a subdivision best fits your book, as is the case with 615.32 for the general pharmacological aspects; this index entry and number are set in boldface, which means that the topic is subdivided in the tables, either by stated subdivisions or by provision for number building. Finally, it may be an incomplete number which must be built onto thru synthesis in order to arrive at the number required, as is the case with 636.089+ for veterinary pharmacological aspects; the plus sign means that, when you turn to the table, you will find that 636.089 is to be divided like 611–619. The proper

suffix is easy to establish without scanning the many pages of 611–619, because the analogous number in 611–619 is the general pharmacological aspects number 615.32, which, thru operation of the "divide-like" process, produces 636.089 532. (In this illustration 636.089+, i.e., 636.089 532, is set in boldface because, like 615.32, it is itself subject to further subdivision.)

It may be that your book deals with the botany or the agriculture of botanical drugs. These aspects are not enumerated under the entry "Botanical drugs," but you will find there a cross reference, "*see also* Medicinal plants." Looking under the latter heading, you will find the aspects botany and agriculture, as well as a reference from the aspect pharmacology back to Botanical drugs. Under the botanical aspect you will find a number for general works and a reference to see also specific plants. (Of course, if your book is on the botany of a specific plant, say poppies, you would have consulted the index directly under that name, found the aspects agriculture and pharmacology and a reference to Rhoeadales, under which you would have found the aspect botany in 583.12.) Under the agricultural aspect you will find two subaspects, **economics 338.17+** and **technology 633.88.** The tables reveal that 338.17 is divided like 633–638, so that **338.17+**, using the analogy of 633.88, becomes **338.173 88.**

Having read this far, you will have observed that the index entries are closely interrelated and that the index cannot be used carelessly.

3.62 The index is *limited:* only those aspects appearing most frequently in the literature are included. It is clear by now to the reader of this introduction that almost any subject can be treated within almost any discipline. Botanical drugs and medicinal plants may turn up not only in botany, chemistry, agriculture, and general and veterinary pharmacology, but also in bibliography, library science, psychology, ethics, Christian or other religion, sociology, political science, economics, and right on thru general history. (You are dubious about political science and general history? Consider the possibility of a title on the effect of drugs on a given statesman's personality and its results in history.) Obviously, the index cannot enumerate all these aspects; if your book deals with an unusual aspect of a subject, you must classify direct from the tables by successive narrowing of choices as suggested above in section 3.31.

Aspects are often replaced by blanket references. For example, under Evils are the aspects ethics and religion; and under the religious aspect two subaspects are named and numbers shown for them, Christian 241.3

and general works 291.5, with a blanket reference, "*see also other spec. rel.*" To find evils under Buddhism, you must first find Buddhism, note that it is in **294.3**, and then scan the subdivisions of that number in the schedule. Since all religions other than Christian are arranged generally like 291.1–.9, it is not too difficult to locate the correct number 294.35.

Generally speaking, under each subject entered in the index there appear from two to five aspects or references, but in a few cases only one; remember that *in no case* does this exhaust the aspects from which the subject may be treated and under which you may class it. Entries under geographical names lead only to the area table; as we have seen in section 3.353 1, area numbers may be added, either directly or with standard subdivision 09, under any number in the general tables.

Another form of limitation is the use of individual cross references leading from one heading to another. These may be from synonyms or near-synonyms, e.g., Vegetable-derived drugs *see* Botanical drugs, or from specific topics to broader or related terms, e.g., Haggai *see* Minor prophets, Sabellianism *see* Heresies, Water lilies *see* Ranales. In the third example, the number for the botany of Ranales is used without further subdivision for all its parts, including water lilies. But the number for the minor prophets in the Old Testament, 224.9, is set in boldface, and Haggai is, in fact, in 224.97, which may be found by surveying in the schedule the subdivisions of 224.9. Similarly, 273 for heresies in Christian church history is boldface, and Sabellianism may be found, by inspection of the schedule, to be in 273.3.

Still another form of limitation is the deliberate omission of thousands of terms, obviously parts of broader concepts, the inclusion of which would make the index look more like an unabridged dictionary. If you have a book on how to pitch in baseball, you will find no index entry for pitching. It should require little thought to send you next to Baseball, where you will find a reference to Bat games. Under the latter you will find **796.35**, a single index entry covering nearly 50 schedule entries. With the help of the summary under 796.35 you will quickly find that the desired and precise number is 796.357 22. Similarly, with a handful of exceptions, the area numbers for cities and towns can be found only by looking for the countries, states, counties in which they are located.

3.63 The index is *coordinated with the tables:* it is a guide to them but must not, in fact cannot, be used without them. Suppose your book were on the Old Testament book Hosea instead of Haggai: you would find the same reference in the index to Minor prophets, and would turn to **Minor**

prophets 224.9. But when you examine the schedule, you will find that Hosea is not even in a subdivision of 224.9, but, as the cross reference shows, has its own number 224.6; if you classified from the index alone, the number you chose would be not merely cut back, but actually wrong. As we have already demonstrated, you cannot find the Buddhist concept of evils without consulting the tables. Without observing all the instructions, definitions, references in the tables at the numbers to which the index has led you, you can never be sure that your work is correct; in fact, you must be guided not only by the information at the exact number and its subdivisions to which the index has led you, but also, in accordance with the suggestions made in section 3.31, you must test that number all the way up the hierarchical ladder. It is obvious that you must **never** classify from the index alone.

If the subject you want is not found in the index, look for it under a synonym, under another word of the same root, under a related term (for example, if what is wanted is not found under "heart," try "cardi-"), or under a broader subject.

3.64 Index entries are arranged alphabetically by word. Explanatory words in parentheses are not considered in alphabeting. When the same word appears in both geographic and subject senses, the geographic comes first. Hyphenated words are considered to be single words. Abbreviations are filed as if spelled out; a list of those used precedes the index.

Most nouns are entered in the plural form; the singular form is more often employed for nouns used as adjectives.

Names beginning with Mc and M' are arranged as if spelled Mac. Germanic modified vowels, such as ä, ö, ü, are arranged as a, o, u.

Numbers preceded by "*s.s.–*" are to be found in the table of standard subdivisions, and may be added to class numbers as appropriate. Numbers preceded by "*area–*" are to be found in the area table, and may be added to class numbers as appropriate. Both these auxiliary tables appear in volume 2 preceding the index.

A dagger (†) preceding a number indicates that one or more topics—not necessarily the topic named at that entry—have been relocated to the number from elsewhere in Edition 16. Details of relocation appear only in the tables.

3.7 General suggestions Class translations, reviews, keys, and analyses of, indexes to, and other works about a specific work with that work.

Save time by seeing if one of the centralized classification services has already assigned a number; even if you do not follow the same edition of DDC or the policies of the central service, or have made local adaptations of your own, the decision of experts will be helpful. Among the more important sources for DC numbers from the latest unabridged edition are Library of Congress catalog cards, the ALA *Booklist, Publishers' Weekly,* and *American Book Publishing Record;* numbers from the latest abridged edition appear on H. W. Wilson Company catalog cards and in *Book Review Digest* and the various parts of the *Standard Catalog Series.* The *British National Bibliography,* altho it follows a combination of the latest and earlier unabridged editions, with numerous special detailed subdivisions (using letter notation) not officially authorized by the DDC editors, may be found useful for classification analysis.

To promote consistency and future efficiency, make a record of all decisions. This should consist of a shelflist or record of each book in classified order, and a record of decisions on specific problems, which may be kept separately or written in the margins of the classification tables.

4. Variations from recommended practice

4.1 Principle of usefulness Every library has its own unique clientele, and, in serving that clientele's special needs, may find it desirable to modify specific printed provisions in ways other than reduction. An important advantage of the DDC is that its notation provides a universal language that can be understood from one library to another and even from one country to another; for example, in the primary school, the metropolitan public library, and the university, in the U.S.A. and India, in Israel and Brazil, 623 always means military and naval engineering. This advantage, however, should not be permitted to outweigh a *real* and *permanent* local need. By "real" we mean that each variation should have a demonstrable reason that can be recorded and defended. By "permanent" we mean that a specific need of a temporary or short-term nature may be met by special displays and rearrangements; it should not be met by adjustment of class numbers.

Record in the schedules every decision for variation. As with reduction (section 3.5), do not try to record decisions of this nature in the index.

4.2 Officially recognized variations A number of important variations appear in the printed tables. They are officially recognized and recommended for use by libraries whose needs they will serve, but are not reflected in the practices of the Decimal Classification Office as printed on Library of Congress catalog cards.

4.21 OPTIONS Certain topics are given two specific placements. One placement is considered to be preferred by the editors, and at it, in each case, appears a note, "If preferred [i.e., if you prefer], class [this subject at another location]"; the other placement is considered by the editors to be optional, and at it, in each case, appears a note, "(Optional; prefer [the location preferred by the editors])." There are 54 such options, and several examples follow.

Most public libraries prefer to have their belles-lettres in each language divided by form, and this is the traditional DC arrangement, e.g., 820 English literature, 821 Poetry, 822 Drama, 823 Fiction, 824 Essays. This procedure separates the poetry of, say, Matthew Arnold from his prose. However, most college and university libraries prefer to have all works of a given author together, and all authors writing in each language arranged either in one alphabetical sequence or in a temporal sequence. Consequently, under centered heading 821–828 Specific forms, you will find a

note, "If preferred, class . . . single authors regardless of form in 828 with or without period subdivision," and under 828, "(Optional: class here with or without period subdivision . . . single authors regardless of form; prefer 821–828)." If a library wants its authors arranged in this way, it may still choose to separate literary forms under a given author by use of appropriate book numbers, e.g., Victor Hugo 848.7 H9, Hugo's poetry 848.7 H901, his drama 848.7 H902, his fiction 848.7 H903.

Traditionally, DC has placed the various branches of geography under the specific topics that are areally considered, e.g., economic geography 330.9, phytogeography 581.9, medical geography 614.42. However, with a growing academic and research interest in geography, numerous libraries have in recent years come to prefer an arrangement that brings all geography together. This is supplied optionally at 910.1 Topical geography, which is divided by subject, e.g., economic geography 910.133, phytogeography 910.158, medical geography 910.161 4.

Treatment of biography varies greatly from one library to another. Many academic libraries prefer it arranged with pertinent subjects, e.g., biography of engineers with engineering, of statesmen with general history, of artists with art. Most popular libraries prefer all or most biography together, either subarranged by subject or (for individual biography) in one alphabet by biographee. Accordingly, while standard subdivision 092 with each subject is the editors' preferred treatment of biography, there appears a note under 092, "If preferred, class biography in 920.1–928.9," and under 092 4 Individual, "If preferred, class in 92 or B," the latter being traditional notations used widely for individual biography in one alphabetical span.

General geography of specific continents, countries, localities is placed by editors' preference in 913–919, but, optionally, may be placed in 930–990 with general history of these areas.

The deuterocanonical books of the Bible fall by editors' preference in 229 as apocrypha, but, optionally, may fall in 222–224 in the sequence provided for them by the Douay Bible.

4.22 OPTIONAL ALPHABETICAL ARRANGEMENT In a relatively few places, e.g., at 598.8 and at area table 74–79, where a subject has many coordinate subdivisions with accepted names, the option is provided of alphabetical instead of systematic arrangement. It is assumed that alphabeting will be effected by use of the Cutter or Cutter-Sanborn alphabetic-order tables, or the Library of Congress author numbers.

4.23 ARTIFICIAL DIGITS The decimal notation being limited to nine significant digits, Melvil Dewey usually assigned 1–8 to those places, races, languages, cultures, that were most significant to American libraries of 1876, grouping others as "minor" in 9. As a result, we now find places, races, languages, cultures on which there is considerable literature assigned notations that are very long, e.g., English language 42 but Urdu language 491.439, Christian doctrine 23 but Hindu doctrine 294.52. Consequently, libraries serving eastern and other cultures are likely to find their own literature near the end of long sequences and denoted by long numbers. To correct this situation, the tables frequently suggest as an option that a letter or other symbol be used as an artificial digit to bring into prominence any desired lingual, ethnic, or cultural approach. For example, a note at 080 provides that general Urdu anthologies may be placed in 08U (or 08* or 08†), instead of 089.914 39, and shelved before 081; a note at 292–299 provides that Hinduism may be placed in 2H0 (or 2*0 or 2†0), instead of 294.5, and shelved before 220, or, as another option, 29H may be used preceding 292.

4.3 Unofficial variations Other variations may prove to be useful in specific situations even tho not recognized in the tables.

4.31 ATTRACTION Because of special local interest or special collections of books, it may on occasion be desirable to class a given subject in the wrong discipline, e.g., all works on Jews, not just their religion, in 296, all works on automobiles, not just their engineering, in 629.2.

An extension of this practice is the complete reversal of DC order. For example, a library devoted to travel and area study might make an administrative decision to arrange its collections by place; if so, it could use the area notations for the basic classes, and divide each after 0 by subject. Then everything on Japan would be placed in class 52: religion in 520 2, economic situation in 520 33, art in 520 7. In such a system works not areally specified could be placed in notation 0 followed by the regular DC notation, e.g., economic conditions of the whole world 033. Needless to say, this kind of use of DC, while thoroly practical, would also be purely local.

4.32 EXPANSION The demands of an extraordinarily large collection in a given subject may appear to dictate the development of a home-made expansion. This is strongly discouraged. An institution needing an expansion should consult with the Decimal Classification Office, which, if the need appears to have general support, will undertake to prepare it. If

an expansion is not immediately available, the broad classification should be made to serve until the official expansion is ready. A good expansion takes a great amount of time for study, research, interviewing, and correspondence, and necessitates a broad and dispassionate overall approach. Such a project is generally of too great magnitude for the majority of librarians with their full quota of other duties. The librarian going ahead on his own to make changes or expansions should remember that, once a change is made, whether good or bad, the library, because of the expense of reclassifying, is likely to have to live with it indefinitely, unable to make use of official expansions and improvements in subsequent editions. This warning applies also to the unauthorized synthesis of notation, including successive division by more than one principle. For example, there are excellent if not always immediately obvious reasons why, altho most subdivisions of 633–635 are divided like 631.5 and 632 (as authorized under 633–635), some are not. It is best, if local additions must be made and cannot await editorial action, that letters or other artificial digits be used.

4.33 ALPHABETICAL ARRANGEMENT As an alternative to systematic arrangement, or as a means for home-made expansion, alphabetical arrangement (using the Cutter, Cutter-Sanborn, or Library of Congress tables) may serve specific local purposes. It is most useful when there is a very large number of specifics. When names of specifics are not precise and generally accepted, it should be used with great caution lest the same concept turn up under two or more terms, e.g., the use of names of specific occupations under various subdivisions of 331 might call welders metalworkers and shoemakers cobblers.

Sometimes the editors are asked why a given subject should not be given alphabetical geographical arrangement, e.g., by U.S. states alphabetically instead of by notation 74–79 and 969. It is true that the sequence Alabama, Alaska, Arizona, Arkansas, California . . . Wyoming is quite familiar and easy to understand. It is true also that under many subjects, e.g., statistics, such an arrangement is entirely satisfactory. But under others, e.g., fauna and flora, it is more satisfactory to find Virginia and West Virginia side by side rather than separated by Washington state. And a separate arrangement for cities, distinct from that for states, will bring close together treatment of churches (or any other subject you choose) in Baltimore and Boston, but only separate churches in Boston from those in Quincy, Newton, and Lynn. On the whole, it is best to follow the area table.

4.34 RELOCATIONS Libraries that have followed the recommendations of earlier editions may find it inconvenient to adopt the relocations in the present edition. A full review of the need for facing up to necessary relocations, and taking advantage of or compromising with them, follows in section 5.13. If you find that you must ignore any or all relocations, you will do so in full awareness that you may be blocking yourself from taking advantage of future editorial improvements.

4.35 STANDARD SUBDIVISIONS Some libraries will prefer to keep their employment of standard subdivisions regular, always using regular notations instead of the irregular notations described in section 3.37. This is not likely to create future difficulty, and may be effected by canceling the special instructions to use irregular notation under specific subjects.

4.36 DROPPING DIGITS As described in section 5.2, some notations are inconveniently long, and may be replaced in part by letters. In some situations you may even be willing to forego the use of certain subdivisions in order to employ the notations officially assigned to them for other more frequently used concepts for which the official notation is longer. For example, in main class 8 the notations for general period divisions under given literatures are very long, e.g., United States literature 810.900 1–.900 5, Armenian literature 891.992 090 01–.992 090 05. The schedules provide 810.900 1+ and similar numbers for periods because 810.91–.99 have other, tho perhaps less frequently used, meanings, and 810.901–.905 cannot be used because this would conflict with the provision in earlier editions of 810.903–.904 based on standard subdivisions 090 1–090 4. (See section 5.134 on reuse of numbers.) However, any library that has not previously used 810.903–.904 may drop one of the zeroes and class periods of U.S. literature in 810.901–.905; and any library that is sure it will never have occasion to use the authorized meanings of 810.91–.99 may drop both zeroes and class periods of U.S. literature in 810.91–.95. Such decisions should be made *with great caution.*

5. Features of Edition 17

This part of the introduction is directed primarily to librarians and teachers who are well acquainted with the Dewey Decimal system and its earlier editions, but it should not be ignored by the student or new practitioner. It points out the special features of the present edition.

5.1 Subject integrity Other features of Edition 17, some of them described below, show up more obviously as new departures from preceding editions, but none is as fundamental as the new or renewed emphasis on subject integrity and subject relationships, on the fundamental process of classification as distinct from what has been called "slot-ification."

Encouraged by Melvil Dewey's notable preference for practicality over theory in all activities, misled by the common American view of classification as little more than a system for assigning each book a convenient address or "slot" at which it can be stored and from which it can be retrieved, influenst by the failure of earlier editions of the DDC to provide under every discipline an expansion as full as was warranted by the literature acquired by libraries, classifiers of the past many times unwittingly abandoned the most fundamental feature of the system (and of all other major systems except Brown's Subject Classification), that of arrangement of subjects by discipline, and tended more and more to "classify by attraction" new topics and topics not specifically provided for by name. For example, works on sociology of the Jews were at one time placed in 296 instead of 301, works on cultural anthropology in 572 as well as 390, works on public administration in 342 as well as 350. These practices, in turn, crept gradually into the printed tables, reaching a climax in Edition 16, which gave its seal of approval to scores of such "attractions," thus affirming or reaffirming in print incompatibilities like the art of flower arrangement appearing as a subdivision of 635.9 Floriculture (which, by successive steps, is a subdivision of technology), conservation of wildlife appearing as a subdivision of 790 Recreation, choice of vocation appearing as a subdivision of 370 Education, the religious life appearing as a subdivision of 270 Christian church history, internal migration of peoples appearing as a subdivision of 320 Political science.

The editors and the members of the Decimal Classification Editorial Policy Committee, perceiving that the ultimate consequence of such

yielding to "attraction" would be complete chaos, wherein no "classifier" would know in what "slot" to place a book on a new or old subject not specifically named in the tables or index, determined for Edition 17 to return to a policy of integrity of subjects.

5.11 STRUCTURE This edition emphasizes the hierarchical nature of true classification and restores the hierarchical feature of Dewey's notation. To this end, the editorial rules for this edition specify: (1) that each heading, definition, scope note, instruction, cross reference should consist of words or phrases so inclusive that they will cover or govern all the subordinate topics; (2) that inclusion notes should be limited to topics subordinate to the heading on which there is as yet insufficient literature to justify separate provision, that they should not contain large haphazard groupings of terms, and that they should not name concepts obviously part of the broader concept named in the heading; (3) that inverse subordination should be eliminated; (4) that cross references should be made only to direct the classifier from a subject as stated or implied in a heading to component parts of that subject in areas other than the number referred from or its direct subdivisions, and not to remotely related or unrelated areas (even if the terminology is similar) or to the same subject in another discipline, and not from a main heading or from a standard (or other 0) subdivision therof to one of its subdivisions or vice versa; and (5) that indention should be made "regular," i.e., that, so far as reasonably possible, notation should be made hierarchically expressive, by (a) leading from comprehensive concepts to subordinate topics in coordinate numbers by notes and references (as at 596–599 and 881–884), and (b) broadening main headings to cover all coordinate concepts falling in subdivisions of the appropriate numbers, and using centered headings to indicate the distribution of parts (as at 797).

Centered headings and summaries within the tables are used with great frequency to make subject structure and relationships clear: there are 1122 of the former and 240 of the latter.

This edition emphasizes the traditional DC principle of development from the general to the specific. For example, Edition 16 under 371 advised, thru a cross reference, that the topics in 371 when applied to a specific level of education were to be placed with education at that level, but contradicted itself by dividing 371.21, 371.732, 371.85 by levels, and by failing to supply appropriate means for topical division under each level; this edition clearly provides for all these topics treated generally in 371, and treated by level with each level. Also, Edition 16 under 351 advised that administration of specific central governments was to be

placed in 353–354, but failed to provide at those places for the many specific topics enumerated under 351, and contrariwise, under 353.09, advised that those topics even when applied to the United States should go in 351 after all; this edition clearly and fully implements the distribution by country in 353–354 of all topics of central government administration.

5.12 DIVISION BY MORE THAN ONE PRINCIPLE Division of a given subject in DC by more than one principle, or characteristic, is as old as the first edition, wherein the language class was divided both by individual languages (420–490) and by problems (411–418), and each language by problems (e.g., 421–428). The same was true of the literature class. Only the word "facet" is of recent origin; Dewey understood the concept. It is true that editions prior to the present one did not always recognize and make provision for division by more than one principle, even when the literature would seem to have warranted it; and when they did make such provision, they did not always clearly differentiate among the various principles.

To clarify these issues and further to emphasize subject integrity, this edition makes many new provisions for division by more than one principle, as at 599.01–599.09; and it specifies clearly which of two principles of division is to be followed first, either by cross references or instruction notes, as at 331.18 and 631–632, or by tables of precedence, as at 331.3–331.6 and 641.5, or by directing generally that subdivisions in notations 1–9 take precedence over those in 01–09, those in 01–09 over those in 001–009, and so on. New provision for division by a principle not previously recognized is usually effected by using 01–09 and shifting the standard subdivisions to 001–009. Edition 17 also provides many new opportunities for synthesis of notation, so as to permit division by two or more principles in sequence, as at the majority of the subdivisions under 633–635.

5.13 RELOCATION Renewed attention to the integrity of subject relationships has not been achieved without numerous relocations. It is assumed that libraries can cope without undue difficulty with any number of reductions, e.g., of mowing, staeking, reaping crops from 631.552, 631.553, and 631.554 respectively to 631.55, and of expansions, e.g., of specific systems of irrigation farming from 631.587 to 631.587 2–631.587 5; if this assumption is false, we might as well still be using the DC of 1876 and classing steam locomotives, radar, rocket engines, chain hoists, and thermonuclear power plants all in 621 without further specification. On the other hand, such shifts as that of the cost of irrigation water from

631.75 (under applied sciences) to a subdivision of 338.2 (under economics), or that of astronautics from 629.138 8 to 629.4, raise the question of the degree to which the DC should adopt relocations and to which libraries can conveniently live with them; this has been a topic of long and sometimes vigorous debate.

5.131 In the making and editing of any enumerative classification, two basic principles are constantly in conflict. One is the DC traditional policy of integrity of numbers, which enables its users to depend on each new edition to include few or no relocations of topics but to include expansions that are based on the tables in earlier editions, thereby achieving continuity and avoiding the cost of reclassification. The other principle is the philosophy of keeping pace with knowledge, which holds that any classification scheme, to retain its usefulness must, from time to time, restate or redefine and regroup or rearrange subjects according to the changed concepts of a new generation. The first principle, strongly urged by Melvil Dewey, governed largely the editorial policy of the first 14 editions (tho there were more changes than most librarians realize); the second principle governed largely the editorial policy of Edition 15, resulting in 1015 relocations from its immediate predecessor. Edition 16, somewhat more conservative than 15, restored 528 of these back to the locations provided in Edition 14; on the other hand, it reaffirmed 487, and initiated 498 new ones of its own from Edition 14 as well as 90 from Edition 15. Unfortunately, as we have seen in section 5.1, Edition 16 also affirmed for the first time various practices that had grown up contrary to the consistent development of subjects by discipline.

5.132 Numerous factors now lead the editors and the members of the Decimal Classification Editorial Policy Committee to the conclusion that a reasonable amount of continuing change thru relocation is not only desirable but inevitable.

5.132 1 First, in a world where knowledge is growing and changing at a rate increasing by geometric progression, where as a result demands on libraries and information services become increasingly pressing and exacting, it is easy enough to see that a static and inflexible, "leave-well-enough-alone," system for the subject organization of book collections will in a short time lose most and eventually virtually all its utility, except perhaps as a vestigial system of addresses or "slots," in which case arrangement of books by author or size would commend itself as equally if not more satisfactory.

5.132 2 Second, classifiers following a system that lacks the subject integrity and consistency of which relocation is an unavoidable concomitant cannot properly class titles on new or old subjects not specifically named in the tables or index, lest an arbitrary editor later prove their guesses to be wrong. In the past, the editors have been recipients of a constant flood of inquiries where to class specific topics. With proper and consistent development, the classification automatically becomes hospitable to any topic whatever; classifiers need only identify the proper discipline, subdiscipline, and so on down to the most specific place available, there class the book in hand, and confidently await a future expansion that will provide a more specific number (if the amount of literature warrants it) but not a different number. By including a considerable amount of relocation in Edition 17 today, the editors anticipate better and more consistent classification tomorrow.

5.132 3 Third, while the older and larger libraries using DDC have a vested interest in its stability, it is not reasonable that this interest give them the right or power to veto the benefits of modernity to the ever-growing number of new libraries at home and abroad.

5.132 4 Fourth, it appears that a major deterrent in libraries to the acceptance of a relocation, or of the principle of relocation, is the feeling of responsibility to reclassify older books: the compulsion for consistency within the collection. However, the continuing phenomenal increase in the size of libraries makes it progressively less feasible for students and readers to browse comprehensively, even if all the books in the collection were present and available. Selection from the shelves becomes more and more a matter of accident. Leaving the catalog, manual or electronic, to serve its proper function of making total resources available, the librarian will surely be making a better and more effective use of his shelf collection if he abandons outmoded concepts in arrangement and permits the classification to reveal a profile of scholarship in a given era. Melvil Dewey's Yankee ingenuity would be outraged by the thought that librarians were unable to devise ways by which an outmoded past could be prevented from tyrannizing over the future. We ourselves have great faith in the adaptability of librarians and in their ability to devise techniques by which to "cope."

5.132 5 Fifth, even phenomenal growth has its present-day reaction in the burgeoning programs in college, university and research libraries to withdraw or retire into closed-shelf storage obsolescent and little-used books; popular and school libraries have always kept their collections live and active. This trend obviously reduces the pressure to reclassify for consistency's sake.

5.132 6 Sixth, virtually every library using DDC deviates to a greater

or lesser degree, for real or fancied local advantage, from even those printed schedules that have been unchanged for generations; in doing so, it annotates its schedules and ignores the recommendations of the various central classification services. Under the circumstances, it is at the least inconsistent to resist printed relocations on the grounds that these relocations will force libraries unable to accept them to annotate their schedules and forego the benefits of central classification.

5.133 For all these reasons, the editorial rules for this edition specify: (1) that, if headings cannot be broadened or limited to tolerate the location of a specific topic, and if cross references cannot be used to reconcile its location, then it should be relocated to a more hospitable position; (2) that, if the location of a topic in Edition 16 makes it impossible to provide for the literature, it should be relocated; (3) that a topic should be relocated to eliminate dual provision, provided it really is dual provision and not another aspect of the same subject; and (4) that, if the known amount of material to be reclassified is of insignificant extent, a topic should be relocated to secure proper relationships and sequences, and uniformity in development. As a result of the application of these rules, the general tables of this edition contain 746 relocations of topics from the places provided for them in Edition 16. 378 are total, that is, they vacate an entire number and discontinue an entry; 368 are partial, that is, while some concepts in a number have been removed, others remain and keep the number in force as an entry. This compares with 1603 relocations in Edition 16 from provisions of Editions 14 and 15; of these 832 were total and 771 were partial. The number of relocations in each main class in both Editions 16 and 17 is as follows:

Class	Edition 16	Edition 17
0	29	39
1	61	11
2	38	55
3	286	189
4	31	36
5	361	72
6	489	200
7	199	86
8	18	9
9	91	49
Total	1,603	746

Even tho the total number of relocations in this edition is less than half the number in Edition 16, the average effect of each is probably greater; some of these relocations are of topics on which there is a great deal of literature.

5.134 A special kind of relocation is the reuse with a new meaning of a notation devoted in an earlier edition—not necessarily the 16th—to a different meaning. This violation of what may most truly be called the "integrity of numbers" is potentially very disrupting, since it permits a given notation to have two different interpretations; it is as if the word "horse" yesterday meant an equine animal but today means a bovine one. Consequently the reuse of a given number is surrounded by safeguards: (1) it must have been vacated and stood empty for at least 25 years, i.e., at the present time since Edition 13; (2) otherwise it must be specifically approved by the DC Editorial Policy Committee, which is inclined to grant permission only when two conditions are met, that the number's previous use has been slight and can be adequately met elsewhere, and that the proposed reuse is imperative to provide for the literature and no other satisfactory provision is possible. In this edition ten numbers have been reused in this way. These numbers are set in italics, and they are 321.9, 363, 372.1, 373.11, 551.6, 576.1, 576.2, 576.4, standard subdivision 017, area notation 549.

5.135 Reuse of number on a rather broader scale appears in the "preferred" or completely remodeled schedule; such a schedule is approved by the Committee only when the provisions of earlier editions are entirely inadequate for classification of modern concepts, as was the case when a remodeled schedule 546–547 for inorganic and organic chemistry was approved for Edition 16. In Edition 17 a similar schedule is 150 Psychology, which reuses 65 numbers, and relocates 27 topics. Two others have been authorized for future development and distribution: 340 Law and 510 Mathematics. Each completely remodeled schedule is built on the same base number as the schedule it supersedes, but any other resemblance is likely to be incidental. Even so, new 150 is not as changed from former 150 as might have been feared, and all changes are shown in the schedule itself.

5.136 Relocations in geographical or area concepts and in standard subdivisions constitute an even greater problem than ordinary relocations because they have such wide repercussions. Every heading in the entire classification may be subdivided geographically and may have standard

subdivisions applied to it. For this reason Edition 15, for all its devotion to the "new look," made no relocations in these schedules, and Edition 16 made only a few insignificant ones. In geography, it said explicitly (p. 15): "The editors have decided to follow the principle that position on the map rather than political ties should determine classification, so far as 'editors' preference' goes, but still to permit alternative arrangements for those libraries which require them."

5.136 1 For the present edition, the enlarged emphasis on provisions to meet non-United States requirements (considered at more length in section 5.4), the greater liberality generally in relocating topics, and the recognition that, in a century of wars, growing nationalism, and a constantly shifting political situation, failure to recognize changes would doom the DDC to moribundity, all have led to a moderate amount of area relocation. In no case, be it noted, is subject integrity compromised: Hawaii is not part of North America, and, instead of being relocated to a heading under United States, is gathered in only by a cross reference. The same is true of the Bornean part of Malaysia, the European part of Turkey. On the other hand, Pakistan is not a subdivision of present-day India, and it is absurd, to say the least, that its whole and its parts should be placed in several nonconsecutive numbers, all of which are both preceded and followed by numbers for parts of India; the whole and the parts are, therefore, relocated and brought together in a sequence following the whole sequence for India. But both are still subdivisions of the broader concept of South Asia. There are 89 relocations in the area table, 71 total and 18 partial.

It should be pointed out that relocations of area concepts are intended to cover books that deal with subjects in the period before as well as the period after a given political change, e.g., both before and after the partition of India and Pakistan in 1947. This means that a work on East Bengal (or Dacca) and one on West Bengal (or Calcutta) fall in widely separated numbers whether dated 1925 or 1965. Some librarians will not approve of this. They will say that scientific and technical subjects do not change because of politics, and that the botany of East Bengal in both 1925 and 1965 is more nearly like that of West Bengal than it is like that of Sind. And they will say that, while social science subjects do change with politics, they do not do so retroactively, that education and social conditions in East Bengal were in 1925 more like those in West Bengal than those in Sind, but in 1965 tend to be more like those in Sind than

those in West Bengal. These librarians may, of course, feel free to relocate to the extent dictated by their own needs: (1) no relocation; (2) relocation only of publications that deal with the period following the political change; (3) relocation only of social science subjects; (4) a combination of (2) and (3).

5.136 2 As for the standard subdivisions (previously "form divisions"), they have, over many years, tended more and more to depart from the concept of subject integrity, especially in 02 and 08. Taking note of this, the Decimal Classification Editorial Policy Committee directed the editors to revise the standard subdivisions, even to the extent of reusing one number with a new meaning. Most notable change is the abandonment of 04 for essays and lectures and the relocation of collected essays and lectures to 08, which is now reserved for collections and anthologies only. It is expected that a given library will probably make no effort to follow the new standard subdivisions under those headings with which it has already freely used the old ones, but that it will nevertheless benefit by using the new ones under headings being used or being divided by standard subdivisions for the first time. There are nine total relocations in the table of standard subdivisions.

5.137 The inconvenience caused by the amount of relocation in this edition is ameliorated by two factors. In the first place, Edition 16, which clearly identifies previous relocations, will remain in print for the present. In the second, some relocations are noted as being only optional, e.g., the deuterocanonical book of Ecclesiasticus from 229.4 to 223.98, and a very few others retain their former locations as optional, e.g., biography of specific classes of persons from 920.1–928.9 to standard subdivision 092 under each subject.

5.138 Relocations are shown in the tables as indicated in section 3.355. In the index, every number to which any topic is relocated is preceded by a dagger (†), no matter whether the topic specified in the immediate entry is relocated or not.

One kind of relocation and reuse of number is not shown as such, namely, relocation of standard subdivision concepts from single-0 notation to double-0 or triple-0 notation, and reuse of single-0 notation for other purposes. For example, in Edition 16 599.01–599.09 was used for the standard subdivisions of 599; in Edition 17 these numbers are used for general principles of mammalian biology, and the classifier is instructed to use 599.001–599.009 for standard subdivisions.

5.14 In summary, it may be said that relocation, division by more than one principle, emphasis on hierarchical structure and notation, in fact the overall display of subject integrity, are designed to make the DDC easier to teach, to learn, to understand, and to use for both classification and retrieval.

5.2 **Degree of expansion** Since this edition is intended for use in general libraries of any size, its fullness is based upon the number of titles that large general libraries may be expected to acquire in any given subject. The editors have tried to provide enough subdivisions but not too many, and have been guided by the principle that the existence in American libraries of more than ten to twenty titles on specific topics in a given general number raises a presumption in favor of subdivision. The detail varies from one part of the tables to another, depending on the number of books that have appeared and are likely to be acquired by libraries. Many new entries appear in the tables of Edition 17 and there are far more numerous opportunities for repetition of development by analogy, that is, for expansion thru "divide-like" notes. Some tables are fully revised and expanded for this edition, e.g., 350–354; others, e.g., 100–199 exclusive of the 130's and 150's, await more detailed study at another time and have been expanded little or none from the provisions of Edition 16. In a very few cases, provisions have been reduced, not usually because the literature does not justify the amount of detail in the previous edition, but to clear out the dead brush of a poor development so that it may be superseded later with minimum disruption by an improved expansion, e.g., 301.2. Because there is not time from one edition to the next to revise all schedules with equal care, the minuteness of subdivision is greater in some classes than in others.

A comparative table of number of entries in Editions 16 and 17 follows. Since a single entry may be expanded manyfold by a "divide-like" or an "add" note, the number of these is shown as "entries with built-in expansion." When one considers that *every* number may be enriched by all the wealth of the table of standard subdivisions, it is obvious that the DC's potential for detailed classification is a hundred- or a thousandfold greater than the existence of 17,132 general tables entries might lead one to expect. The reduction of 4650 entries in class 9 is offset by the new area table.

	EDITION 16		EDITION 17		INCREASE	
Class	Total entries	Entries with built-in expansion	Total entries	Entries with built-in expansion	Total entries	Entries with built-in expansion
0	333	55	341	51	8	−4
1	499	8	641	24	142	16
2	760	80	1,191	225	431	145
3	1,703	69	2,545	311	842	242
4	324	52	369	135	45	83
5	2,083	53	2,603	183	520	130
6	4,031	115	5,170	789	1,139	674
7	1,407	180	1,785	254	378	74
8	302	72	651	231	349	159
9	6,486	158	1,836	448	−4,650	290
Total General Tables	17,928	842	17,132	2,651	−796	1,809
Standard Subdivisions	69	9	113	15	44	6
Areas	0	0	5,110	4	5,110	4
Grand Total	17,997	851	22,355	2,670	4,358	1,819

We have referred in 2.53 to the occasionally extreme length of the DC notation. Without doubt, the apportionment is poor in the light of present knowledge (e.g., the schedule for 621 is longer than that for 000–099 or that for 400–499 and only 10% shorter than that for 100–199), and virtually impossible to repair in view of the traditional policy of reusing numbers only most sparingly; to reapportion the notation so that it would be equally hospitable to all disciplines and subjects held by libraries today would require the development of a wholly new system and would only establish a base for other inequities of a future that today cannot be imagined, just as much of the world of 1965 could not be imagined in 1876. So long as DC continues to expand, its users will have to live with long numbers. However, suggestions appearing thruout this edition for

the guidance of libraries specializing in or emphasizing certain disciplines and subjects may be applied in other contexts also: arbitrary signs can be used as substitutes for much-used long numbers, just as B has been used for many years in many libraries as a substitute for 920. For example, an engineering library can substitute letters of the alphabet for some of the larger engineering subdisciplines with long notations, such as E in lieu of 621.3 or of 621.38, or X (or A) in lieu of 629.13. If this is not feasible, the difficulties that are inherent in transcription and reading of long numbers can be reduced by writing each long class number on two or three lines, e.g.,

574.929	574	574	and even 574
	.929 7	.929 747	.929 747
			65

Some few libraries shelve by numbers of limited length but give on catalog and shelflist cards and inside each book a complete number based on the full DC schedules, with the shelving digits in black and the non-shelving digits in red.

5.3 Standard subdivisions and area table The table of "form divisions" of earlier editions has not only been substantially revised, as noted in section 5.136 2, but retitled table of **"standard subdivisions,"** a term that recognizes that at least half of these convenient subdivisions are modes of treatment rather than forms. If even one standard subdivision of a specific class appears in a double-0 or a triple-0 notation, then all, with the occasional exception of 09 Historical and geographical treatment, appear in that sequence; in this way each standard subdivision sequence is kept intact, e.g., no longer do we find 300.1, 302–309 for standard divisions of the social sciences, broken by the very substantial 301 schedule for sociology. This is the more important in this edition because of the much greater reliance on zero-divisions for special meanings, most frequently (1) for subdivision by a second principle of division, e.g., 599.01–599.09, and (2) for standard subdivisions of a part of the complete heading, e.g., 201–209 for standard subdivisions of Christianity, which has no other notation that can be so divided, and 200.1–200.9 for standard subdivisions of religion.

The **area table** is perhaps the most obvious innovation of Edition 17. Geographic detail has been removed from the general history schedules 930–990 and incorporated in a special table, leaving the history schedules for history. The new table, printed without the traditional digit 9,

contributes to both theoretical understanding of the DDC and its practical application. On the theoretical level, it makes clear that the number for, say, France is *not* 944, which is for the general history of France and that only, but 44. On the practical level, it greatly simplifies number building for areas. No longer need the classifier be confused by "dividing like 940–999," or concern himself with elusive 0's and 9's that disappear in one sense and stand pat in another; now he simply adds the area number, e.g., 94 Australia, to the base named, e.g., 027.4 (in the entry under 027.43–027.49).

Almost equally useful will be the very considerable expansion of area 1 (previously form division 091), providing for treatment of any subject by zonal, physiographic, and socioeconomic regions, by ethnic and religious groups, and even by hemispheres and space. Of special note, perhaps, is area 171 2 Empires and political unions, a device that libraries can use to bring together, under selected subjects, those countries having political ties but geographic diversity, e.g., constitutional law of United Kingdom, Canada, New Zealand together in 342.171 242 instead of scattered in 342.42, 342.71, and 342.931 respectively.

The standard subdivision and area tables both appear in volume 2, preceding the index.

5.4 Use outside United States Altho the Dewey Decimal Classification is widely used outside the United States because of its numerous virtues, it has been much criticized for its historical bias toward a Protestant Anglo-Saxon culture. Some efforts were made in Edition 16 to reduce this bias, but the present edition represents the first full-scale attack upon it by the general editors. Without reducing the traditional emphasis on and featuring of things American, such as literature in 810 and political parties in 329.1–.8, on things Western, such as languages in 420–480 and philosophy in 182–199, on things Christian, such as religion in 220–280, it introduces a whole series of devices thru the use of which classifiers who need to do so may feature other cultures. It suggests frequently, e.g., under area notations 4–9 and under 420–490, that a letter or other symbol may be used as an artificial eleventh digit to bring forward works on the desired place, language, literature, or other subject. (It is important that this symbol be understood to be an artificial digit: it can be a Latin, Greek, Cyrillic, Arabic, Tamil letter, a Chinese ideograph, an asterisk, dagger, arrow, or what you will, and has no meaning except digital.) It sometimes introduces the option of de-emphasizing United States concerns by arranging them geographically in the midst of others, e.g., in 354

instead of 353, in 329.9 instead of 329.1–.8. It provides history periods for nearly every country (but does not reduce those under 940 and 973), and for many literatures, including "colonial" literatures. As already noted, the area table recognizes current political alinements. Separate provision is made for important Oriental languages, e.g., Hindi and Urdu. There are expansions in 796 for cricket, soccer, and rugby, as well as for golf and tennis. Schedules for Buddhism, Hinduism, Judaism, Islam are expanded and further specified, and instructions and references thruout, as well as index entries, make it clear that religion as a whole and Christianity in particular are not considered synonymous. Provision is made in 181.04–181.09 for philosophy based on specific religions. For the benefit of American no less than foreign libraries the Protestant orientation of 200 has been lessened by the addition of provision for numerous topics of chiefly Roman Catholic concern.

The year 1964 saw the field work take place for the long-projected survey of DDC use abroad. The present edition reflects the early results of this survey, and it is the editors' and publishers' earnest hope that the DDC of the future will be made continuously more and more useful for librarians of Europe, Asia, Africa, and the Pacific, as well as for those of America.

The language of basic editions, of course, continues to be English.

5.5 Index The index is completely new, and more tightly constructed than previous ones; it is, in fact, unique. As described in section 3.6, it is *relative,* in that it brings together the various aspects of a subject to show their dispersion thruout the tables; it is *limited,* because exhaustiveness would be confusing and, if it could be kept up to date, would make the tables unnecessary; it is *coordinated with the tables,* serving as a guide to them, not a substitute for them.

5.6 Relation to Edition 16 and *DC&* Even where the present edition does not vary substantively from Edition 16, observance of the editorial rules emphasizing subject integrity gives a quite different appearance to the schedules, with more centered headings, fewer cross references and notes of inclusion, a larger number of more comprehensive headings, more scope notes, asterisks used freely to remind classifiers of instructions that apply to many subdivisions of a heading, and other devices. The same is true of variations in Edition 17 from provisions disseminated thru the earlier issues of *Decimal Classification Additions, Notes and Decisions.*

5.7 Spelling As is well known, the founder of DC (who was christened Melville Dewey, and for a time styled himself Melvil Dui) was deeply devoted to the cause of simplified spelling. The forms that it took may be seen in his introduction, which follows this one. The present edition, in observance of the Dewey spelling tradition, pursues the following practices: (1) it uses *catalog, decalog, demagog, pedagog, prolog, program, tho, altho, thoro, thorofare, thru, thruout;* (2) it follows, to the extent that the editors found them, the shortest or most phonetic spellings recognized by Webster's *Third New International Dictionary,* e.g., *canceled, lacker, alinement;* (3) except in the index and where the meaning might be misunderstood, it modifies the spelling to reflect the pronunciation of past tenses and past participles that have the hard "t" sound, e.g., *pitcht, divorst,* but not *produst, bast.*

6. Toward Edition 18

Not all of Edition 17 has benefited equally from application of the renewed emphasis on subject integrity and the other principles described above. Within the editorial criteria, which are intended to safeguard the DDC's traditional virtues as well as to open the system up to a greater degree of modernization than in the past, we believe that most of 400–600, 800–900, and parts of the other classes will be generally fairly successful in meeting the needs and classifying the literature of the 1960's, but some of the other sections will be less so. Substantial development is required in 029, most of 100, parts of 200, 301, 330, 360, 380, 390, 640, 780, and other schedules. A complete overhaul with reused notation is planned for 340 and 510. It may be expected that Edition 18 will reflect (1) review and study in many of these, (2) normal updating in science, technology, history, (3) further refinement of the index, and (4) more detailed study of the results of the 1964 survey of DC use abroad.

7. Acknowledgments

It is my pleasant duty to give public thanks to those who have contributed materially to such success as this 17th edition may merit.

Thanks, first, to DDC's users. To the scores of librarians who studied and criticized or reviewed Edition 16, some in print, some in correspondence, some face to face, and to the reviewers and critics of draft schedules of this edition, both at home and abroad; I name eight at random to represent them all: John Metcalfe of Australia, B. S. Kesavan of India, Curt Wormann of Israel, Anis Khurshid of Pakistan, Mahmud Sheniti of the United Arab Republic, E. J. Coates and W. H. Phillips representing very different points of view in the United Kingdom, Sarah K. Vann of the United States of America. To the hundreds of individuals who took time to answer questions posed in *Decimal Classification Additions, Notes and Decisions*. To interested groups in formal organizations, notably the Classification Committee and the Policy and Research Committee of the Cataloging and Classification Section of the Resources and Technical Services Division of the American Library Association, and the Dewey Decimal Classification Revision Sub-Committee of the Research Committee of the (United Kingdom) Library Association. To the Reverend Timon Cook, O.F.M., who provided most able liaison with the Catholic Library Association by soliciting and synthesizing opinions on Roman Catholic library requirements thruout class 200, and interpreting them to the editors with full understanding of the criteria for DC development; if, as we hope, this edition provides valuable new assistance to Catholic librarians, the credit is largely Father Cook's.

Thanks, second, to all those officially connected with the Dewey Decimal Classification. To the directors of Forest Press, Inc., scholars, gentlemen, keen businessmen all: Verner W. Clapp, Deo B. Colburn, Jack Dalton, Walter A. Hafner, and Howard Haycraft. To the present members of the Decimal Classification Editorial Policy Committee and to the former members who have served since 1960: Elizabeth C. Borden, Edwin B. Colburn, Godfrey Dewey, Virginia Drewry, Carlyle J. Frarey, Bertha M. Frick, Harriet D. MacPherson, Lucile M. Morsch, Esther J. Piercy, Joseph W. Rogers, Pauline A. Seely, Mrs. Marietta Daniels Shepard, and Wyllis E. Wright; to their statesmanship, foresight, and imaginative understanding of libraries' needs may be credited the basic principles, enduring and new, which underlie this edition. To my

superiors in the Library of Congress for support and encouragement at all times: L. Quincy Mumford, Rutherford D. Rogers, John W. Cronin, Lewis C. Coffin, William J. Welsh.

Thanks, third, to the staff of the Decimal Classification Office, who really did the grubbing. To the former members who contributed to this edition: Mrs. Dorothy F. Gover, Mrs. Peggy C. Kans, Alice M. Kenton, Mrs. Edith B. Moore, Julia C. Pressey, Mrs. Mary C. Schloeder, Mrs. Ruby Y. Weinbrecht, and Mrs. Elsie K. Yoder. To the present members: Harriet Helliwell, Elaine Hicks, and Edna E. Van Syoc. To the Editorial Reviser, Mrs. Emily K. Spears, for significant contributions to the format and style of the manuscript, and for its final preparation in impeccably neat and clean condition. To the Assistant Chief, Decimal Classification Office, Elva L. Krogh, for numerous profitable suggestions based on her daily use of the DC to class books, notably the new and striking concept of the area table. To the Assistant Editor, Dewey Decimal Classification, Mrs. Marie M. Henshaw, for her uncompromising insistence that the editorial operations hew to the line of consistency, and for her brilliant development of many original ideas, including various new techniques for emphasizing subject integrity and relationships, and including also the new index, which is almost wholly hers in conception and mostly hers in execution.

8. Conclusion

The foreword to the 15th edition "earnestly" requested "all users to give us the benefit of their criticism in order that sometime our successors may actually bring out 'the perfect book.'" It appears unlikely that this or any other general classification will ever be "perfect," especially in view of the traditional dichotomy of demands for a system that will be both stable and up-to-date. Melvil Dewey recognized this in 1876, when he wrote, in "The Amherst classification" (*Library Journal*, 3:231–232, Aug. 1878):

> Long study of the subject makes it clear that a classification satisfactory in *theory* is, in the nature of things, an impossibility, and that a scheme can be satisfactory in *use* only to those who realize these inherent difficulties and are satisfied because of their knowledge that a plan free from annoying difficulties is wholly unattainable.

Nevertheless, improvement is always possible and devoutly to be pursued. So, once again, we urge all who use the DC, whether students, teachers, or appliers, to continue to give us the "benefit of their criticism."

There follows Melvil Dewey's own introduction of 1926, which is reprinted, with a few minor changes, just as he wrote and spelled it. Some of its statements and examples are now obsolete, and it should be read in the context of its time.

Benjamin A. Custer
EDITOR

Decimal Classification Office
Processing Department
The Library of Congress
Washington, D.C. 20540
28 February 1965

Melvil Dewey's Introduction

Orijin and growth The plan of this Clasification and Index was developt erly in 1873, the result of long study of library economy as found in hundreds of books and pamflets, and in over 50 personal visits to libraries. This study convinst me that usefulness of libraries myt be greatly increast without aded expense. Only a fraction of the servis posibl cud be got from them without clasification, catalogs, indexes and other aids, to tel librarians and readers what they containd on any givn subject; yet, by methods then uzed, this cud be dun satisfactorily only at a cost so great as to be prohibitiv to all but a few welthy libraries. With rare exceptions, libraries wer growing rapidly. Catalogs, made at great cost, soon became antiquated. Methods uzed involvd frequent rearranjement, renumbering and remarking of books, and of necesity remaking of catalogs and indexes, as the only escape from a confuzion that seriusly cripld usefulness. In this costly repetition, work of previus librarians was larjly lost. The great need was a sistem which wud enable each to stand on the sholders of his predecessors, and fully utilize their labors; which wud make work dun today permanent, insted of sumthing to be superseded in so few years as not to be worth doing in the best way; which wud supply the best applyances, insted of leaving yung librarians not only to lern how to work, but to make all their own tools.

Practical use for 54 years proves that this sistem wil accomplish this result; for with its aid catalogs, shelflists, indexes and references, essential to this increast usefulness, can be made faster and cheaper than by any method not having its essential features, and, when dun, they ar better and vastly more permanent. Practical utility and economy ar its keynotes and no theoretic refinement has been allowd to modify the skeme, if it wud detract from usefulness or ad to cost.

It was chiefly necesary to find a method that wud clas, arranje and index books and pamflets on shelvs, cards of a catalog, clippings and notes in scrapbooks and index rerums, references to all these items, and indeed any literary material in any form, as redily as an ordinary index gyds to proper paje of a bound book. This difficult problem was solvd by uzing

no reference marks except the simplest simbols known to the human mind, arabic numerals with their uzual arithmetic values, and by aiding their unequald simplicity by many practical nemonic [mnemonic] devices.

Tho the importance of clasification was recognized, the filosofic sistems proposed wer so difficult fully to understand or apply that not 1 person in 1000 cud uze them practicaly. Decimal Clasification simplicity and even more its Relativ Index hav made this work 10-fold eazier. In recent years, use of the sistem has spred rapidly in all civilized cuntries, meeting success in thousands of different applications. In its simpl form a skoolboy can quikly master it and keep for instant reference not only his books but every note, clipping or pamflet. Almost every profession and occupation has lernd its wonderful laborsaving powers. It is in daily use by miriads of business and professional men who wud never even attempt to understand or uze the old sistems.

By mere adition of figures, without chanjing this shorter form, this very simpl sistem is redily made to record the utmost refinements of specialists, and the Relativ Index, as simpl as a, b, c, sends the novis to the exact place where the expert has clasifyd the matter sought. Thus 942 is history of England, and 942.99055 is history of County Pembroke in Wales, under Elizabeth, 5th of the Tudors. A colon between 2 numbers to mean 'in relation to', and other combining simbols for time, languaj etc. make of the sistem a compact shorthand for each fact. But this brevity is les important than the eaz with which matter so markt can be arranjed (giving figures and decimal point their common arithmetic value), stored as compactly as wisht and found again in the least posibl time.

The sistem has been found equaly valuabl for cataloging, indexing, analyzing and summarizing, and for clasifying, numbering and arranjing books and pamflets on shelvs.

The 1st edition, publisht in 1876, 12 pajes of tables containing 1000 sections, was criticized as altogether too elaborate for even a larj library. As fast, however, as the Relativ Index with its remarkabl powers became known, the rapidly increasing uzers askt for further subdivisions, til Tables hav grown from 2600 entries in Index of 1876 to 43,000 in this edition 12, becauz it has been found so eazy to gain the admitted great advantajes of close clasification, and yet, by means of this Index, avoid the old difficulties.

Extent of use The rejister of libraries which hav actualy adopted it, tho growing rapidly, is incomplete. Libraries often uze the sistem for

many years before we lern the fact. We rejister all byers of the Clasification, so far as known, but do not assume that a library has adopted the sistem becauz it has orderd the book. A L A Bulletin, Sep. 1926, p. 167, estimates a use by about 14,000 libraries. There is also an immense use (for which not even approximate statistics can be furnisht) by individuals, with their private, business and professional colections of books, pamflets etc., and in their correspondence and notes files. The sistem has been adopted, not only thruout U S, but in other parts of North America, in South America, in many European cuntries, and, stil more distant, in Asia, Hawaii, Philippines, Java, Australia and Africa, and the Tables ar known to hav been translated, either wholy or in part, into French, German, Italian, Spanish, Portuguese, Norwegian, Russian, Hungarian, Bohemian, Chinese and Japanese.

The table below shows the growth of the editions.

		Number of pajes				
Edition	Date	Preface	Tables	Index	Total	Copies
1	1876	12	12	18	42	1000
2	1885	66	162	86	314	500
3	1888	4	227	185	416	500
4	1891	41	234	191	466	1000
5	1894	"	235	"	467	2000
6	1899	"	260	210	511	7600
7	1911	48	420	324	792	2000
8	1913	"	462	340	850	2000
9	1915	"	465	342	856	3000
10	1919	"	517	374	940	4000
11	1922	61	551	376	988	5000
12	1927	67	683	491	1243	9340
13	1932	75	902	670	1647	9750
14	1942	80	1048	799	1927	15632
15	1951	55	469	192	716	11200
15 Rev.	1952	56	"	402	927	11045
16	1958	121	1314	1004	2439	29138

What is the Sistem? A Subject Clasification with a Relativ Index[1] so numberd or letterd that reference is compact, accurate and quik, is the

[1] Tho the author is interested only in the usefulness of the sistem, not in questions of priority of its invention, extended investigation by others fails to show that this most important feature of the sistem—the Relativ Index, on which all else hinjes—had ever before been uzed as here to index by a singl reference most diverse mate-

essential feature; anything beyond this is merely applying this plan with varius helps and accessories. Any subject clasification with a *relativ* index in which the entry indexes a book in the ordinary way, and also indexes shelvs, cards, clippings or any other literary material, is a form of this sistem.

Notation We devized and experimented with several notations by means of numbers, letters, and combined numbers and letters, with bases of 26, 35, 50, 100 and 150, yet none seemd good enuf to warrant publishing details, except that here printed, based on simpl arabic numerals with their uzual decimal powers. International adoption of this sistem is larjly becauz no one ever complains that any clasification is too simpl, while there is constant complaint of complexity. Decimal simplicity has so commended itself that many think of it as the only form, tho obviusly it wud be just as much a 'relativ index sistem' if the clasification wer wholy markt by letters or other simbols.

The Subject Index is the simplest application of a, b, c, the simbols next in simplicity to 1, 2, 3. This use of the simplest 2 sets of simbols known, with their common meanings, has givn our notation its worldwide reputation as the simplest yet devized.

Best known decimal form Decimal form means simply that heds ar groupt and numberd with common arithmetic figures uzed decimaly. This, the only decimal form thus far carefuly elaborated and publisht, is commonly spoken of as if it wer the only posibl form of our orijinal plan; tho obviusly an infinit variety of 'relativ index sistems' in decimal form *cud* be made by filling the outline with different heds, or with the same heds in different order.

To make out new heds involvs labor and cost vastly beyond the dreams of any person who has not tryd exactly this work. Time actualy spent on tables here printed, by varius committees and individuals, totals hundreds of years and has cost an immense sum. Uniform and urjent advice of the experienst is to adopt a poorer skeme alredy made rather than undertake so herculean a labor. When dun, the maker may posibly be

rial. Relativ location had been uzed, but not in the present combination with the subject index, which givs it most of its value. The Clasification Tables, while adopting sugjestions from many sources, ar orijinal in their sistem of arranjement and notation, and in many minor features. The decimal form and many nemonic features hav not been found in erlier use, tho since their invention in 1873 these as wel as the Subject Index and other features hav been very frequently copid, often with, but oftener without, aknowlejment of their source. But we ar glad to find this sistem, which has cost so much labor, doing good servis even for those who neglect to mention where they found so valuabl a laborsaving literary tool.

better suited with it, but few if any others wil be. It is wizer for anyone whose time is of value, to uze it in sumthing more practicaly useful to himself and his library than in trying to construct a 'satisfactory' skeme of clasification. No one yet ever wholy suited himself or anyone else, and probably no one ever wil. By adopting this alredy workt out he saves much time and money, and gains the immense advantaj of uzing a sistem in common with thousands of others, so that he may utilize their labors and investigations and share with them economies of cooperation.

Relativ Subject Index This alfabetic Index, the most important feature of the sistem, consists of hedings gatherd from a great variety of sources, as uzers of the sistem hav found them desirabl in 54 years experience. After all these efforts, many new heds ar aded in each new edition.

The Index gyds in both numbering and finding books. In assyning numbers, the most specific hed that wil contain the book having been determind, reference to that hed in Index givs proper clas number. Conversely, in finding books on any givn subject, reference to Index givs number under which they ar found on shelvs, in shelflist, or in clast catalog. When any new subject cums up, interline it and its sinonims in Index, with clas number decided on, so clasifyer may be uniform with himself in future work.

The Index givs similar or sinonimus words, and the same words in different connections, so any intelijent person wil surely get the ryt number. A reader wishing to know sumthing of the tarif looks under T, and, at a glance, finds 337 as its number. This gyds him to shelvs, to all books and pamflets, to shelf catalog, to clast subject catalog on cards, to clast record of loans, and, in short, in simpl numeric order, thruout the whole library to *anything* bearing on his subject. If he turns to Tables, he sees that it means clas 3, Sociolojy; division 3, Economics; section 7, Protection and free trade; but the number alone is enuf to clas the book or find it, for either clasifyer or reader. If he had lookt under P for protection, or F for free trade, or D for duties, or C for customs, or under any other leading word relating to his subject, he wud hav been referd to 337, or sum one of its subdivisions.

Had he lookt for 'railroad' he wud hav found after it 22 separate entries, each preceded by a word or fraze indicating the faze of the subject in the skeme. A book on railroads may treat of the desirability of government ownership, control etc. and then is clearly a question of social syence; or it may be a practical handbook for an employee, ex-

plaining business methods of railroading, running trains, handling freight, etc. when it is as clearly one of the useful arts. The clasifyer knows to which of these heds his book belongs, and the reader knows in which of its fazes he wishes to examin the subject. Moreover, 3 and 6 beginning the numbers clearly indicate caracter of each clas. But even if significance of these figures is entirely disregarded, no confuzion results, for, on consulting the numbers in catalog, in skeme, or on shelvs the difference is clearly seen. In other cases, it is more useful to keep books on the same subject together, tho treated from different standpoints. A glance at the Index tels either reader or clasifyer which plan has been adopted.

All topics in blakface typ in Index ar further divided in Tables, where one may see the subheds. This saves reprinting all these subdivisions, which wud increase Index bulk many-fold; e.g. if one having a book on 'prison labor' looks in the Index for 'Convict labor' or 'Prison contracts, he finds at once its special number 331.51; but if, on the other hand he thinks to look only for jeneral subject 'Labor', he finds in blakface typ the entry 'Labor, political economy, 331', and turning to Tables he finds under 331 the subdivision '331.51, Convict labor', the exact topic in hand.

The greatest objection to a clast catalog has always been the difficulty in knowing just where to clas a book and just where to look for it when again wanted. Different librarians, or the same librarian at different times, clast the same or similar books in widely different places. Where one man did all the work for many years, there was a degree of uniformity; but even then there was danjer of looking at the same book at different times from different viewpoints, thus cauzing confuzion. When the daily pres is ful of one faze of a subject, tendency is strong to clas all books on this subject from current viewpoint; and next year, if a different side of this same subject is before the public, there is same tendency to clas books from new viewpoint, thereby separating similar books and bringing together books on different fazes. But fortunately, practical usefulness does not require that the ideas of this or that one be followd, but only that books of same caracter be always put in same place, and that there be sum means of knowing redily what that place is. The Relativ Index, with its cachwords, was desynd and is found in use to meet both these requirements, for it insures that books on same faze of any subject cuming before the clasifyers shal be assynd to same place, and that any reader seeking these books shal be referd instantly to that

place. If this is dun, all requirements of a good clasification ar fild. If it is not dun, the sistem is a failure; for the only real test of any skeme is its helpfulness to its uzers.

Sum prominent opponents of clast catalogs admit that the Relativ Subject Index, in deciding where to clas a book at first and where to look for it ever afterwards, has removed their strongest objections. Certainly it wud be imposibl to make an Index more compact or eazier of reference.

This Index allows a great part of the work of clasifying to be dun in advance by experts in larj central libraries with ampl resources, thus securing, at a mere fraction of uzual cost, better and more uniform results than wud be posibl to the ordinary clasifyer and reducing labor to much narrower limits than ever before.

To these thousands of subjects hav been carefuly assynd their individual numbers, many of them after long consideration and consultation with specialists. No one person is lerned enuf to clas wizely books on all subjects and syences; but botanists can assyn all botanic subjects to the ryt number, mathematicians all mathematical topics, and thus the Index wil in time becum as accurate as the best skolarship of the day can make it. Even if the decision reacht is not always wizest, all practical purposes ar servd, becauz, as each clasifyer copies the number from same Index, all books on that subject ar together; and, as each reader get his number from this same Index, he goes directly to the book he seeks.

What Relativ Index includes The Index, containing 43,000 entries and constantly being enlarjd by ading new subjects, aims to include all topics exprest or implyd in Tables, together with every corresponding sinonim likely to be sought, but does not include most names of cuntries, towns, animals, plants etc. except when mentiond in Tables; e.g. it can not enumerate all species of trilobites, but when clasifyer has found from proper reference books that Remopleurides is a trilobite, the Index sends him to 565.393, and he can clas his monograf on that subject.

Tables The essential complement of the Subject Index is the Tables of Clasification, so mapt out as to show in 4 ways—i.e. by size of typ, face of typ, indention, and number of figures prefixt—each subject's rank in the Clasification.

The field of knowlej is divided into 9 main clases, numberd 1 to 9, and cyclopedias, periodicals etc. so jeneral as to belong to *none* of these clases ar markt 0 (naught) and form a 10th clas; e.g. clas 1 is library of Filosofy; clas 5, library of Syence; clas 9, History, etc. These special

clases or libraries ar then considerd independently, and each is separated again into 9 special divisions of the main subject, numberd 1 to 9, as wer the clases, jeneral works belonging to *no* division having 0 for their division number. Thus 59 is division 9 (Zoolojy) of clas 5 (Syence). A 3d division is then made by separating each of these divisions into 10 sections, numberd in same way with 0 and the 9 dijits; and this decimal subdivision is repeated, til it secures as many subsections as may be needed in any topic. Thus 513 is section 3 (Jeometry) of division 1 (Mathematics) of clas 5 (Pure syence). This number, giving clas, division, section and subsection, if any, is cald the clas number, and is applyd to every book and pamflet belonging to the library. All jeometries ar thus numberd 513, all mineralojies 549, and so thruout the library all books on any givn subject bear the number of that subject in this skeme.

Where 0 occurs before the decimal point in a clas number, it has its normal zero value. Thus a book numberd 510 is clas 5, division 1, but *no* section; i.e. treats of division 51 (Mathematics) in jeneral, and is limited to no 1 section, as is jeometry, markt 513. 500 indicates a treatis on syence in jeneral, limited to no division. 0 occurring in the 1st place wud in the same way show that the book was limited to no clas; e.g. a jeneral cyclopedia which treats of all 9 clases.

With the same 'jeneral' sense, 0 is often uzed to indicate chanje in caracter of subdivision, meaning in this case 'basis of subdivision chanjes at this point', i.e. figure (or figures) following 0 apply to what precedes *in jeneral*, e.g. 505 indicates syence in *jeneral* treated in the form of a periodical. In history, clasification is by cuntries (i.e. *jeografic*) and as minute jeografic divisions ar needed for travels, gyd books, and varius other uses, the figures 1–9 ar jeneraly uzed for jeografic subdivisions and again for further jeografic subdivisions, as far as needed, and 0 followd by another figure for time division, i.e. the figures before the 0 indicate the locality as a whole, while figures after the 0 indicate the special time at which the history of the locality is being considerd; e.g. 942.06, consisting of 942 (*jeografic* division) and 06 (*time* division), means history of England in *jeneral* in time of the Stuarts, while 942.6 and 942.67 mean respectivly history of eastern England and history of Essex co., to which the same time division may be aded, giving 942.606 and 942.6706 as the history of those localities under the Stuarts. As any subdivision may, by ading figures 1–9, be givn 9 further subdivisions, any desired degree of minuteness may be secured in clasing special subjects.

First subdivision under many rubrics is used for General and theoretic

questions to provide for such specific topics as ar common to all or most of the principal subdivisions of a relativly broad subject.

Coordination Theoreticly division of every subject into just 9 parts is absurd. Practicaly it is desirabl to clas as minutely as posibl, without use of aded figures; and decimals, on which our skeme hinjes, allow 9 divisions as redily as fewer. This has proved wholy satisfactory in practis, tho apparently destroying proper coordination in sum places.

Where more than 9 divisions ar needed the difficulty is commonly obviated by grouping on singl numbers the subjects most closely allyd, or by assyning 1–8 specificly to most important subjects and grouping minor subjects on 9 as 'Other.' Since any of these groups may be further subdivided for specific topics as needed, provision is thus made for an unlimited number of subjects.

As in every skeme, many minor subjects ar under jeneral heds to which they do not strictly belong. In sum cases, these heds ar printed in distinctiv typ; e.g. 829 Anglo-Saxon, under English literature. The rule has been to assyn these subjects to the most nearly allyd heds, or where it was tho't they wud be most useful. The only alternativ was to omit them altogether. If any such omission occurs, it wil be supplyd as soon as discoverd, for we intend to provide in the Tables a place for every known topic.

New subjects A new topic is always closely related to sum existing hed. If there is no blank number availabl it is combined with the hed nearest allyd, and, when important enuf, distinct provision for the new cumr is made by ading another decimal. The sistem is thus capabl of unlimited expansion, and can never break down for lak of room for growth.

Choice and arranjement of heds Detaild explanation of selection and arranjement of the many thousand heds wud be tedius; but everywhere filosofic theory and accuracy hav yielded to practical usefulness. The imposibility of making a satisfactory clasification of all knowlej as preservd in books, has been appreciated from the first, and theoretic harmony and exactness hav been repeatedly sacrificed to practical requirements.

Sequence of allyd subjects Wherever practicabl, heds hav been so arranjed that each subject is preceded and followd by most nearly allyd subjects, and thus aded convenience is secured both in clast catalogs and on shelvs; e.g. Bilding (690) follows Mekanic trades (680) at end of Useful arts, and Arkitecture follows at beginning of Fine arts.

Students of Biolojy (570) find fossil life or Paleontolojy (560) before, and vejetabl life or Botany (580) after, this followd in turn by animal

life or Zoolojy (590), ending with Mammals (599); while Useful arts (600) begin with human Anatomy (611) under Medicin, thus giving a regular growth from fossil plant thru vejetabl and animal kingdoms to living man.

Cachtitles In naming hedings, strict accuracy has often been sacrificed to brevity, for short familiar titles ar more important than that terms chosen shud express fully and exactly caracter of all books clast under them. Many subjects, apparently omitted, wil be found in the Index, assynd, with allyd subjects, to a hed which bears the name of the most important only. Reference to the Index wil decide at once most doutful points.

Form distinctions The clasification is mainly by *subject* or *content* regardless of form but an aded form distinction for jeneral treatises is found practicaly useful.

Thus, in Syence there ar many compends, dictionaries, essays, periodicals and socyeties, treating of Syence in jeneral, and so having 0 for the division figure, but treating it under different forms, and therefore divided into sections according to this form: 501 for filosofy or theories of Syence, 502 for compends, 503 for dictionaries, etc. This treatment is as nearly as practicabl, uniform in all clases. Creasy's '15 decisiv battles' is 904, the 1st figure being 9, becauz the book is clearly history; the 2d figure 0, becauz limited to *no* division of clas 9; and the 3d figure 4, becauz the book is a colection of essays.

The 10 main clases ar regularly divided by form, e.g. 809, history of literature in jeneral. For divisions, sections or subsections having *enuf* jeneral material to make such division advizabl, form numbers, preceded by 0, may be uzed (e.g. 820.9, history of English literature; 821.09, history of English poetry), except when 0 and the following number hav been otherwize assynd, e.g. 821.04 English liric poetry, *not* essays on English poetry; 942.05 England in time of the Tudors, *not* a periodical on English history. A history of English literature is 820.9, not 809, becauz every book belongs to the *most specific hed* that wil contain it; so 809 is limited to histories of literature in jeneral. Books treating of many clases, such as jeneral cyclopedias or periodicals, go in clas 0 and ar then divided by form into cyclopedias, periodicals, socyeties or newspapers.

Do not confuze form number 07, meaning 'methods of study or teaching', with number for same subject under 375, which is for its value as a means of education, or for its curiculum place.

These form distinctions ar introduced at the beginning of the clas be-

cauz the number of jeneral works is larj, and these 1st numerals wud otherwize be unuzed.

Form divisions always hav the same set of numbers, preceded by 0, i.e. 1 filosofy, theories etc.; 2 compends, outlines; 3 dictionaries, cyclopedias; 4 essays, lectures, letters etc.; 5 periodicals, magazines etc.; 6 socyeties, associations, transactions, reports etc.; 7 education, study, teaching, training etc.; 8 poligrafy, colections etc.; 9 history. Thus a periodical on a subject has the subject number followd by 05; e.g. a periodical on public helth, 614.05.

But if the number alredy ends in 0, 0 is not repeated before form-division figures; e.g. a zoolojic magazine is 590.5, not 590.05.

Minute clasing On first publication in 1876, a common criticizm was that 1000 heds cud never be successfuly uzed, however desirabl so close clasification myt be. As soon, however, as actual experience proved it as eazy to uze 1000 heds in the new sistem as 100 in the old, the obviusly great practical value of close clasing led one uzer after another to urj strongly publication of more subdivisions. Minute as ar many now givn there ar none that sum hav not askt for and almost none that others hav not declared needless. Subdivisions ar made in such a way that one may uze all, or any part and ignore the rest without difficulty or confuzion, thus allowing each to uze minute subdivisions where he wishes or needs them, without being forst into refinements in subjects where he has few books or litl interest. Since the degree to which any skeme shal be applyd is optional with each clasifyer and close analisis is useful to everyone in defining content or in clarifying differences between related subjects, even elaborate skemes ar printed in ful if no essential objection has been bro't against them by the best qualifyd critics. The 1st 3 figures only may be uzed when preferd, and the rest show the scope of the subject. On many topics minute subsections ar printed simply for this purpose, and for use in indexing periodicals and socyety transactions, and in keeping notes. Note typ is uzed for topics clearly useful only to specialists or as showing scope. Many others probably belonging in same category, if doutful ar in regular typ of their grade.

The advantaj of close clasing is unquestiond, if the uzer knows just what it is. With this plan it is not only practicabl, but comparativly eazy. If there ar only 10 books on a givn topic, it is useful to hav them in groups amung themselvs, for otherwize they wud hav only accidental order, which is of servis to no one. A reader wishing a specific book shud go, not to shelvs, but to catalog, where he can find its place quickest. If

he wishes a specific subject, he is sent instantly to its exact place by the Subject Index. If he wishes to study the library's resources at the shelvs, he wil be *greatly helpt by minute clasing.* A teacher showing his pupil the material on any subject wud, if there wer only 20 books, surely *put together* those covering same points, even if there wer only 2. Much more shud librarians group closely their greater colections, that readers may gain sumthing of the advantajes of an experienst gyd.

Thus every specialist has his own special library. If a student of syence in jeneral, he is sent to clas 5; if his department is zoolojy, his library is 59; if his specialty is shels, he finds all works and references on that subject in library 594. Whether a specialist needs it or not, every subject, being a library by itself, shows resources and wants as no catalog can. A catalog can not be made to take satisfactorily the place of handling books themselvs. This advantaj weighs most in a colej or socyety library, where many go to the shelvs; but even if only librarians ar admitted, close clasing is worth its cost becauz of aded power givn.

Tentativ tables More and more minute subdivisions hav been specialy cald for til the 1000 heds of 1873, with 2600 index entries in edition 1, hav increast til they command 43,000 index entries, in edition 12. After getting many sugjestions, sumtimes hundreds, for aditions or further subdivisions of sum subject, we draft a skeme and test it on a sampl colection. To get larjer cooperation in perfecting it we sumtimes print the new draft in Tables without including its new words in Index, so every uzer wil see what is proposed and if interested may test it on his own work and submit sugjestions for improvement. Then in the next edition, with this great help, needed revisions can be made and all new words inserted in Index.

As result of agreement between Institut International de Bibliographie and ourselvs we hav included in edition 12 many I I B expansions, while sum other expansions recently prepared by us hav not yet, for lak of time, been submitted to I I B and must therefore, strictly speaking, be regarded as tentativ til accepted by that body, but as these expansions wer developt with view to such acceptance we look for litl chanje, and their larj number has made it impractical to designate them.

Nemonics [mnemonics] Heds hav sumtimes been arranjed to secure nemonic aid in numbering and finding books without the Index; thus China has always number 1. In Ancient history, it has the 1st section, 931; in Modern history, under Asia, it has 951. Similarly the Indian number is 4; English, 2; German, 3; French, 4; Italian, 5; Spanish, 6; Russian,

7; European, 4; Asian, 5; African, 6; North American, 7; South American, 8; and so for all divisions by languajes or cuntries. Italian 5, for instance, is in 035, 055, 065, 450, 850, 945, and other many others. This nemonic principl is specialy prominent in Filolojy and Literature, and their divisions, and in *form* distinctions uzed in the 1st 9 sections of each clas. Filosofy, methods or theory, occurring as a hed, is always 1; dictionaries and cyclopedias ar 3; essays, 4; periodicals, 5; associations, socyeties and institutions, 6; education, 7; poligrafy or colections, 8; history, 9. In numerus cases several minor heds ar groupt together as Other, uzualy numberd 9.

While Italian is always 5, 5 is by no means always Italian. Grammar is 5, Periodicals ar 5, Asia is 5, Oratory is 5, etc. Even wer it posibl, to limit 5 to Italian wud waste numbering material, and results wud not justify cost. The purpose is to giv practical aid, not to follow fanciful theory. A clasifyer marking a French grammar, remembers that all Filolojy begins with 4, and, as French is always 4 and grammar 5, he knows the number *must* be 445. Italian (5), poetry (1), is plainly 851 with no danjer of being mistaken for 'poetry of grammar' or 'theory of Asia,' becauz the numbers also hav those meanings. This feature is an *aid,* not regular method, and in all doutful cases one refers at once to Index or Tables. Sugjested difficulties ar uzualy creations of injenius theorists and not outgrowth of practical experience.

Wherever practical, this nemonic principl is uzed in subdividing sections. 558, Jeolojy of South America, is subdivided by ading the *sections* of 980, History of South America. Jeolojy of Brazil then *must* be 558.1: nemonicly, the 1st 5 is Syence; 2d 5, Jeolojy; 8, South America; and 1, Brazil. Any library attendant or regular uzer of the skeme recognizes 558.1 at a glance as Jeolojy of Brazil. This nemonic feature occurs in several hundred places, and is of great practical utility in numbering and finding books without catalog or index, and in determining caracter of any book simply from its call number. Extent of use is shown in 5 tables appended to main Index, giving alfabetic lists of (1) subjects, with clas number of each, which may be subdivided jeograficly; (2) form divisions, with figures to be aded in making such division; (3) languajes, with their clas numbers, which may be further subdivided filolojicly by ading figures givn in Index table 4; (4) filolojic divisions, with figures to be aded in subdividing any languaj in Index table 3; (5) literatures, with their clas numbers, which may be further subdivided by ading form divisions from English literature.

As in close subdivision, wish for nemonic correspondence has never outweighd any claim of greater usefulness. In many cases choice between numbers was hardly perceptibl: e.g. whether in filolojy order shud be French, Spanish, Italian, or French, Italian, Spanish. In such cases nemonic numbers wer givn preference, and 54 years use has proved this wizest. Great gain, beside eaz of remembering, results from this *uniform* use of same numbers with same meaning whenever similar division is made. Wherever division by languajes or cuntries is made, it follows filolojy or history numbers, and in Tables, the note 'Divided like 900' fully takes the place of reprinting all history subdivisions. This saving justifys use of these numbers in sum cases, even where a sumwhat different order myt seem more nearly fitted to the special case; e.g. in 342, constitutional history of Canada (342.71) and Australia (342.94) next that of England (342.42) wud be better than our order, which separates them both from England and from each other. Stil by following the uzual 'procrustean' numbers, many topics can be subdivided minutely without further study, by simply applying history or languaj subdivisions. A singl ilustration of the astonishing power this principl givs wil suffice, tho thousands myt be givn: 016 is 'Bibliografy of special subjects, divided like main clasification', therefore by aid of tables under 581, 016.581974742 redily translates itself to all uzers into 'Bibliografy of flora of Albany co., N Y'. While these 12 figures myt never be uzed, if a specialist wishes minute division, it is redy to his hand, conforms to Index, and wil be clearly understood by anyone familiar with our plan. A specialist wud in such cases probably adopt a contraction for his long number, and uze in ful only the minute divisions.

Decimalism Utility has not been sacrificed in order to force subjects on the 'decimal procrustean bed'. *Decimals hav been uzed as servants, not as masters.* When subjects ar combined or separated into just 10 heds, it has been from no necesity of the skeme, but becauz it seemd most useful, all things considerd. In many cases there wer orijinaly only 3 to 7 heds insted of 10; but uzualy, during years of testing before publication, it proved advizabl to divide sum of these heds, as it took no aded space or labor. On the other hand, there wer cases where more than 10 heds seemd more natural; and, as any number up to 100 is provided for by ading one decimal, this was dun in most cases. As only 1000 sections wer first printed, it was often necesary to put 2 or more closely allyd topics together under the same number, as must stil be dun whenever a library limits number of figures uzed to 3; but during 54

years use subdivisions hav multiplyd, til now nearly every topic has its own special number. The skeme givs us for each topic, as it wer, a case of 9 pijeonholes, with a larj space at the top; and we uze them as every practical business man uzes such pijeonholes about his desk. If, as in 220, there ar les than 9 main topics, it is often convenient to uze the extra spaces for subdivisions. Thus we keep separate, under Old Testament, historic, poetic, and profetic books; and under New Testament, the Gospels, Epistls and Apocalips. Spaces ar there, and it is convenient to uze them for jeneral works on those groups—a reason that experience proves a good anser to the charj of lak of coordination, tho indention and typ in Tables make that charj baseless. Then in 280, having more than 9 topics, if we ar uzing only 3 figures we put Congregational in same space with Presbyterian, and small denominations together in the last box, just as a business man puts his papers in his pijeonholes. If he insisted on having a different case made to order for each use, it wud cost over twice as much; he cud not group them together or interchanje them, and they wud not fit offis shelvs.

There has been perverse misapprehension of this feature, and critics oftenest stumbl over 'procrustean 10'. In fact, this is an element of usefulness. A railroad also has the fault that it is procrustean in its path and in its times. It can not cum to yur door nor wait yur convenience, as does the automobile; it can not go to the fields for its loads of produce; it can not turn out for obstacls; but *becauz it is procrustean* it can do its larj-scale work much better and quicker and cheaper. The paralel cud be fairly extended to many other cases, but any tho'tful mind wil recognize that the economy and eaz of working the Decimal sistem ar larjly dependent on its being procrustean. To this we owe much of the great simplicity of the Relativ Index, many nemonic correspondences, and the useful 0 to indicate form and period divisions. Our intersecting lines of space and time in History, etc., of languaj and form in Filolojy and Literature, and scores of similar advantajes, depend wholy on 'procrustean 10', or else on sum other number equaly procrustean, but lacking the advantajes of exact correspondence to our arithmetic.

Relativ location Economy and simplicity cald not only for the Subject Index, but also for sum plan of consolidating the 2 sets of marks previusly uzed; one teling *what* subject a book treated, the other *where* the book was shelvd. By relativ location and decimal clas numbers we make our simpl arabic numerals tel of each book and pamflet, both *what* it is, and *where* it is.

In fixt relation, to find book, pamflet, clipping or note is like finding a man when yu know his town, street, hous and room.

In relativ location it is like finding a soldier if yu know his army, division, rejiment and cumpany. If John Smith is 3d man in 2d row of Cumpany B, rejiment 69, 4th division, whether the rejiment is in camp, on parade or on march, his place is not determind by the bit of ground on which he stands, but by his relation to the rest of the army. If soldiers ar ded and in the cemetery they ar as eazily found by fixt as by relativ location. But if the army is alive and militant, as every library or private working colection o't to be, its resources shud be *findabl* whether in camp, on march or in action.

In arranjing books on shelvs, the formerly common absolute or fixt location by shelf and book number is wholy abandond, relativ location by clas and book number being our chief feature. Accumpanying clas number is the book number, which prevents confuzion of different books on the same subject. In finding books, numbers markt on baks ar followd, the upper being the clas and the lower the book number. Clas is found in its numeric order amung clases, just as shelf is found in fixt sistems. Shelvs ar not numbrd, as increasing different departments, opening new rooms, and any arranjing of clases to bring books most circulated nearest delivery desk, wil at different times bring different clas numbers on any givn shelf. New books, as recievd, ar numberd and put in place, in same way that new titles ar aded to card catalog.

Thus all books on any givn subject stand together, and no aditions or chanjes ever separate them. Not only ar found together all books on subject sought, but most nearly allyd subjects precede and follow, they in turn being preceded and followd by other allyd subjects as far as practicabl. Readers not having access to shelvs find short titles arranjed in same order in shelflist, and ful titles, imprints, aded subject entries, references, notes etc. in clast catalog.

Parts of sets, and books on same or allyd subjects, ar never separated as they ar sure to be, sooner or later, in a library arranjed on fixt plan, unless it be frequently rearranjed and recatalogd, a procedure too expensiv even for very welthy libraries. Relativ sistem clas and book numbers remain unchanjed thru all chanjes of shelving, bildings or order of clases.

Amung hundreds of points raizd by librarians as to its practical workings and usefulness, the only one in which it was not shown to be equal

or superior to erlier sistems was that in this relativ location a book which this year stands, e.g. at the end of a certain shelf, may not be on that shelf at all another year, becauz of uneven growth of parts of the library. This slyt objection, however, inheres in any sistem where books ar arranjed by subjects, rather than by shelvs, windows, doors, and similar non-intelectual distinctions.

Sizes on shelvs Most libraries hav abandond close distinction of sizes. It is true that this distinction saves a litl space, but at far too great a cost; for every distinction of sizes makes a paralel clasification. If books ar groupt in 5 sizes, one must look in 5 places before he can be sure of having seen them all.

It is better to shelv octavos and all smaller books together in 1 series, and arranje in paralel libraries only quartos and folios, which ar too larj to stand on regular shelvs, showing series in which any oversize book is put by a size letter prefixt to the book or clas number; e.g. 749 qA or q749 A shows that book A on Artistic furniture is too larj for regular shelvs, and so is placed in q or quarto series. Or uze a wood or pasteboard dummy to show location of a book not in its regular place. But, however solvd, size problems ar no more trublsum with Decimal than with any other clasification.

Catalogs

Any sistem of catalogs may be uzed with this skeme, but the 2 essentials of even the simplest sistem ar name or author catalog and shelflist. The chief uses of this sistem for catalogs ar for shelflists and for clast catalogs on cards.

Name catalog In this, arranjed strictly by names of authors and of persons or places writn about, the clas number holds a subordinate place, yet is constantly useful. If printed, it appears in a singl colum as in the Relativ Index, and where there is no subject catalog one can rapidly pik out books on any topic by glancing down colum for clas number wanted.

Shelflist Here clas number is again hyly important, as it makes this list the most useful form of brief subject catalog, giving author's name and brief title of every book on specific subject bearing that clas number.

Clast catalog In the clast card catalog the clasification is mapt out

abuv the cards by projecting gyds, making reference almost instantaneus. Subjects ar arranjed in 1, 2, 3 order of their decimal subject numbers exactly as in clas tables, and cards of each subject ar then subarranjed alfabeticly by authors (or, in sum cases, e.g. biografy or local history, by subjects) or cronolojicly, or by book numbers.

The printed subject catalog on this plan is also most compact and satisfactory in use. Under each clas number ar givn the library's resources on that subject, the heding giving, for convenience, name as wel as number of subject; e.g. '513 Jeometry'. Jeneral notes ar printed in finer typ under jeneral heds, and a relativ index at the end shows just where to open the book to find any topic. As clas numbers ar put in place of paje numbers, this index servs for *any* catalog, list or library arranjed on this plan.

Dictionary catalog The dictionary catalog is as eazily uzed with this sistem as with any other, and is at present on the crest of its wave of popularity. Its failure to meet skolars' requirements has often been pointed out. While far the best for an index, it stil leavs much need of a good clast catalog. But difficulties both of making and of uzing a clast catalog wer formerly so great that there was a conviction amung many librarians that notwithstanding its great advantajes, the idea must be abandond as impracticabl, tho other eminent authorities ably argued that the poorest clast catalog was better than one unclast, and that any use of such a catalog was in itself a lesson in bibliografy. Now that the serius difficulties of making a good clast catalog hav been so larjly removed by the simpl arabic numerals and Relativ Index of this decimal plan, the merits of clast over the more common dictionary sistems ar dubly prominent.

The Subject Index of this sistem is a skeleton dictionary catalog, covering everything not fully coverd by the 'name catalog'. Insted of giving book titles under each hed, the number *refers* to all those titles simply and directly. The index may be made on any of the varius dictionary plans, with all the advantajes it may possess. To us, simplest seemd best. We giv only short heds with brief indication in doutful cases of viewpoint taken in assyning clas numbers.

We therefore unite advantajes of dictionary and clast catalogs, not by mingling them and so losing much of simplicity of one and as much of excelence of the other, but by realy uzing both, each with its own merits. Only one set of titles is needed, for our clas numbers make this availabl for both catalogs.

Advantajes

Shelvs The sistem on the shelvs is the simplest form of relativ location. Many libraries hav adopted it for shelf arranjement, where catalogs recently printed, or larj investment in another plan, made it too expensiv to chanje anything else.

Shelflist By simply printing the shelflist at any time an admirabl subject clas list is made for any topic on which there may be present interest; e.g. if a town contemplates a new water supply, interest is greatly stimulated, and everything about waterworks is wanted. The librarian has only to open his shelflist to 628.1 and 352.6 and print it. This great advantaj is gaind with but slyt variation from the form found best in its regular use as a shelflist for examination of shelvs to detect losses and misplacements.

Accession book Where shelf mark colums ar uzed, tables of number of books aded on each subject ar redily made. A glance shows caracter, by subjects, of books aded during any givn period; for, wherever this clas number occurs, it tels not only *where* the book is shelvd but also *what* it is about.

Pamflets These clas numbers applyd to pamflets, whether catalogd or uncatalogd, hav proved specialy satisfactory. Number is writn on upper left corner, and pamflets ar shelvd in pamflet boxes, side by side with books on same subject, or they may be kept in vertical files or on special shelvs divided every 10 cm by perpendicular partitions, or, if preferd, each pamflet may be put in exact place as if bound. Litl expense is incurd, and yet entire pamflet resources of the library on any subject can be produced almost instantly. The immense advantajes of this clast arranjement, both in economy and usefulness, wil be appreciated by every keeper of a pamflet colection. A name or author catalog is made on slips if time allows. The pamflets themselvs ar the best subject catalog. Placing all material under its clas number on regular shelvs, has the great advantaj of enabling anyone examining a subject to see all resources in 1 place, so far as posibl.

Sale duplicates The same arranjement is admirabl here. Duplicates ar so constantly chanjing that a catalog can hardly be afforded, and a subject arranjement on any other plan that this is difficult to maintain, Stil, it is very important that there be sum means of knowing what duplicates there ar on any givn subject. By simply penciling clas numbers on books

and arranjing these numericly, it is posibl to giv the information more quikly, cheaply and satisfactorily than in any other way.

Charjing sistem Clas numbers may be uzed for charjing with the following advantajes: Minutest statistics of circulation can be made by simply counting charjes and entering the number for each clas on a report sheet. If filing is dun by call numbers, as either a primary or a secondary consideration, whereabouts of any book lent or amount of use of any subject is quikly found; file givs an up-to-date record of all books lent in any subject; e.g. cards filed under 52 show for Astronomy or those under 822 for English drama just how many and what books ar out and who hav them. Such a circulation table, always at hand, and with no extra expense or labor, since it is a natural part of the sistem, is hyly prized by all interested in caracter of jeneral use of the library, while it can by trifling labor be converted into a permanent record by entering on a report sheet. If a reader's card is uzed, caracter of the individual's reading is here shown and never before has so much attention as now been givn to educating readers' tastes.

Subject references For these it has peculiar advantajes. Many uzers ar undertaking analises and cros references to an extent hitherto tho't wholy or almost imposibl. These few figures tel as clearly as a long heding exactly what the reference is, while gain in eaz of use is even greater than in time and space saved in recording. The clearness and directness of the method aid wonderfuly in this work. References to transactions, or chapters in essays, may be made in the most compact and uzabl form.

Recataloging or reclasifying When Amherst College in 1873 first adopted this plan and began to recatalog its library, it was found (as in hundreds of cases since) entirely practicabl to chanje to the new sistem gradualy, as means allowd, without interfering in any appreciabl degree with circulation. Methods employd for thus chanjing without interrupting use must vary according to different conditions. The essential feature is enuf distinction between old and new call numbers to be eazily recognized by attendants. If old call numbers consist wholy of figures, the initial letter of the Cutter author numbers furnishes this requisit. All numbers of figures only ar then recognized as old, and all numbers containing a letter as in the new sistem.

Adaptability The sistem is so flexibl that it adapts itself to almost any circumstances. It may be uzed with proportionate results in almost any one of its applications without the others. It may be applyd to pamflets alone, bringing order out of caos, and solving this vext and vexing prob-

lem; or it may be uzed for catalogs, leaving shelf arranjement as before; or it may be applyd to shelvs, while the catalog is dictionary or any other typ.

Arabic numerals Arabic numerals can be writn and found quicker and with les danjer of confuzion or mistake than any other simbols. Therefore roman numerals, capitals and small letters, and similar simbols found in most clasification sistems ar entirely discarded, and by exclusiv use of arabic numerals thruout shelvs, and indexes, catalogs and other records, there is secured the greatest accuracy, economy and convenience. This advantaj is specialy prominent in comparison with sistems where author's name or the title must be writn, in calling for or charjing books and in making references.

Endowment of special departments Another great advantaj is peculiar adaptability to special endowments. One specialy interested in any subject can often be induced to endow that subject, thus providing for bying each year all the best publications.

If John Doe is specialy interested in opera, the library says: 'Giv us $1000 as endowment of 782, and we wil call it the 'Doe Library of Dramatic Music'. There wil be found every book, pamflet, newspaper clipping, or manuscript that the library has or can get on this subject. Gifts from others wil be placed in the Doe Library, the donor's name being givn on the bookplate, and for jenerations to cum every person interested in opera wil be grateful for yur foundation'. In this way 782 is assynd to John Doe, and his pride is stimulated in developing it. If another man with larjer means and interest wil endow the whole subject of music 780, there is no difficulty or impropryety in including 782, the Doe Dramatic Music Library, as the 2d section of 780, the Roe Music Library.

This is one of the most promising fields for development, for almost every library has amung its readers sum specialy interested, who if properly approacht wud endow sum topic, even if a small one, and this relativ location, with its definit number expressing just the ground coverd, may be of great servis in working up these special endowments.

Summary To sum up its claims: It is by far most inexpensiv; eazily understood, rememberd and uzed; practical rather than theoretic; brief and familiar in nomenclature; susceptibl of partial and gradual adoption without confuzion; convenient for arranjing pamflets, sale duplicates, and notes, and for indexing, and in keeping statistics and cheks for books off shelvs; a satisfactory adaptation of card catalog principl to shelvs. It

shelvs books compactly; uzes simpl and few simbols; can be expanded, without limit and without confuzion or wasted labor, both in catalogs and on shelvs or in catalogs alone; cheks thuroly and conveniently against mistakes; admits redily numerus cros references; is unchanjeabl in its call numbers, and so givs them in all places where needed; in its Index affords an anser to the greatest objection to clast catalogs, and was the 1st satisfactory union of the advantajes of clast and dictionary sistems.

Sugjestions to uzers

Hold book in ryt hand and turn with left, then both clas numbers and index heds show most plainly on left marjins and reference is quicker when eye follows left pajes only.

Numeration In thinking or speaking of clas numbers, to avoid confuzion always divide at the decimal point, and name it; e.g. read 942.27 'nine forty-two, point twenty-seven', never 'ninety-four two twenty-seven'. If 'point' wer omitted, the ear myt redily interpret 270.2 (two seventy, two) as 272, while 'two seventy, point two' can never be misunderstood.

Plan of book

Tables First paje shows 10 clases into which all topics ar divided. Next paje shows 9 divisions of each of these 10 clases, in a birdseye view of the whole skeme on a singl paje. Then follows a sinoptic view of 10 pajes, one for each clas, showing the 9 sections of each division of each clas.

Following these sinopses is the complete clasification, which repeats in proper order, clases, divisions and sections, with all subsections. For convenience of uzers, who thus get fuller and clearer ideas of the field which each number covers, sinonimus terms, exampls, brief notes, dates and varius cachwords ar often aded to main heds. Therefore all references to numbers shud be lookt up in the ful tables of subsections, uzing summaries only when a merely sinoptic view is wisht.

Index Next an alfabetic index of all heds refers by clas number to exact place of each in Tables. This Index includes also, as far as found, all sinonims or alternativ names for heds, and any other entries likely to help a reader find his subject more redily. Even a uzer who knows just

where to turn to his subject in the Tables, may, by consulting the Index, be put on the trak of valuabl allyd matter which he myt otherwize overlook.

Use of Tables and Index

Familiarity with Clasification Get a jeneral knowlej of the skeme by lerning the 10 main clases [yu wil soon know the 100 divisions also without special study], so that yu can tel to what subject a givn number belongs from its 1st figure, without referring to Tables. Specific knowlej of minute divisions wil cum gradualy, but rapidly, from use. Assyn numbers by uzing Tables alone, and then always verify yur result by the Index. Thus yu wil more rapidly acquire knowlej of the Clasification and facility in its use. To do this, decide first to which of the 10 clases the subject belongs; next, take that clas as if there wer no other, and decide to which of its 10 divisions the subject belongs; then, in the same way, select section and subsection, thus running down yur topic in its groovs, which becum 10-fold narrower at each step. As a chek against error, even tho familiar with the skeme, uze Index freely.

Subject of a book To find this out, consult:

1 **Title**, since it is jeneraly chosen to show what the book is about, but as many titles ar vague or misleading, never clas from title alone but always examin also

2 **Contents table**, which is best gyd to true subject. If there is no contents table read

3 **Hedings of chapters**, or marjinal topics

4 **Preface** Unless alredy certain, glance thru this to cach author's viewpoint and verify impressions gaind from title and contents

5 **Reference books** If preceding means fail, consult relyabl bibliografies, clast and annotated catalogs, biografic dictionaries, histories of literature, cyclopedias, reviews etc. for information about caracter of book.

6 **Subject matter** If 5 shorter methods abuv fail, examin subject matter of book itself, and if stil in dout, to avoid mistakes, put aside on an 'under consideration' shelf til yu can examin more thuroly or consult

7 **Specialists** Experts ar uzualy glad to examin any new books in their departments, enuf to clas them, i.e. to define their true subject and relations. Old ones they know where to put alredy.

Be specialy careful when dealing with flexibl terms, e.g. child welfare,

to make sure of the caracter of its application in that individual book.

After deciding what the book is about, find this subject in Tables, either thru Index or by uzing Tables directly, which for beginners is a longer process, seldom to be trusted without subsequent reference to Index; e.g. Pollock's *Land laws* myt naturaly be clast from Tables alone as '333, Land: ownership; ryts; rent', which seems exactly to fit this book. Index, however, shows 2 numbers, both referring to land laws, but from different viewpoints; i.e. 347.2, legal, and 333, economic. The object of this book, as seen in the preface, is to giv a popular presentation of English statutes pertaining to landholding, not to discuss history and theory of land laws from economist's viewpoint. It should be clast '347.2, Realty', which myt hav been overlookt but for Index.

Assyning clas numbers 1 Practical usefulness controls. *Put each book under the subject to the student of which it is most useful,* unless local reazons 'attract' it to a place stil more useful in yur library.

2 *Content* or real subject of which a book treats, and not *form* or accidental wording of title, determins its place. Following this rule, put a filosofy of art with Art, not with Filosofy; a history of mathematics with Mathematics, not with History; for filosofy or history is simply the *form* which these books hav taken. Their true content or subject is Art or Mathematics, and to the student of these subjects they ar most useful.

3 Always remember that the question is not 'where wil one probably look for a certain book', but 'under what subject is the book of greatest value'; e.g. it is of litl consequence whether 'one wud be apt to look' under 595.16 for Darwin's *Formation of vegetable mould,* but of much consequence that one studying erthworms shud find that book in 595.16 Erthworms, since it is chiefly valuabl as a study of erthworms' habits. Anyone wanting that special book shud look for it in catalog under Darwin.

4 Giv every book most specific number which wil contain it. This varies in different libraries according to number of figures uzed, e.g. specific number for 'compulsory vaccination' is 614.4738; but in a library uzing only 3 figures, 'most specific' number posibl is 614, which must take everything on Public helth.

Sumtimes a library unwizely puts all books of a division together, if but few; e.g. all mathematical works ar markt 510. It takes just as many figures and in most cases just as much labor and if a man wants the 1 calculus in the whole library he has to serch thru perhaps 100 volumes in 510, when otherwize he wud instantly find it standing alone as 517.

5 'Predominant tendency' or obvius purpose of a book uzualy decides its number at once. Stil a book often treats of 2 or more subjects. In such cases put it where it wil be most useful, and make aded entries for all subordinate subjects. For a clast catalog giv the aded entry numbers on both bookplate and main subject card as wel as on aded entry cards.

It is a markt advantaj that these aded entries, notes etc. may be made from time to time at convenience. It is necesary at first to determin only predominant tendency of book in order to clas it; aded entries ar made whenever found desirabl.

Supply these numbers indicating more closely caracter of book as rapidly as posibl, and invite all specialists, in connection with their reading, to call attention to every desirabl aded topic notist. The numbers take litl room, ar eazily aded, and in most cases ar very valuabl.

6 If 2 subjects hav distinct paje limits, jeneraly clas under 1st and make analitic entry under 2d; but if 2d is decidedly more important or much greater in bulk, clas under that, with analitic entry under 1st. Always put a book under 1st subject, unless there is good reazon for entering it under another.

7 Consider not only scope and tendency of each book, but also nature and specialties of each library.

Any subject of which a library makes a specialty naturaly 'attracts' allyd subjects. This influence is strongest in minute clasing. To admit this variation, many subjects hav in this skeme 2 or more places, according to these different sides; e.g. a book on 'skool hyjiene', which a medical library puts under 613, has also a place in 371.7, where education specialists require it.

8 If a book treats of a majority of the sections of any division, giv it division number, insted of most important section number with aded entries. Unless sum one section is so prominently treated as to warrant placing the book in it, clas a book covering 4 or more sections under division number; e.g. clas a volume on lyt, heat and sound, under hed most fully discust, with aded entries for the others; but if it treats also of mekanics, hydrostatics and neumatics, clas as 530, or jeneral fizics, tho no mention be made of electricity, magnetism or molecular fizics.

9 When a book deals with 2 consecutiv and closely allyd subjects, jeneraly clas with 1st and regard this as including 2d, but if 2d is decidedly predominant, clas with this and either disregard 1st or make aded entry, according to importance of that portion.

10 To secure uniformity, make for future reference ful notes of all

difficulties and decisions, for it is more important to put books on same subject *together* than to put them in a more nearly absolutely correct place. These notes shud be writn on broad marjins of the Clas Tables or in an interleavd copy or on P slips arranjed by clas numbers like a clast catalog.

11 Keep colected works, libraries etc. together, and assyn, like individual books, to most specific hed that wil contain them; or assyn to most prominent of varius subjects treated, with aded entries for others; or, better, separate and clas parts as independent works.

This last practis constantly grows in favor, and many librarians now larjly disregard uniform bindings and 'series' lettering, and, unless contents of volumes ar so connected that they can not be separated, clas each under most specific hed that wil contain it.

12 Clas translations, reviews, keys, analises, ansers and other books *about* specific books with orijinal book, as being there most useful.

Number of figures uzed in clas number Decide this according to circumstances in each library. Small libraries often uze minute subsections beyond 3 figures only in certain divisions like Travel, 913–919, where closer jeografic division is specialy needed, and in 400 and 800, when a 4th figure is needed to separate different languajes.

In very small colections 2 figures myt do til growth required further division; but it is economy, and saves handling books again, to uze at least 3 figures at first, even in smallest colections. In larjer or rapidly growing libraries all subdivisions may be uzed for same reazon, tho number of books may not then seem to justify it. Whether there ar 1 or 1000 books on any topic, they take no more shelf space if clast minutely, and work is dun once for all. When larj accessions cum, even if a century later, this number wil not hav to be alterd. A library having but 20 books on Education myt think it unwize to uze the ful skeme, but the whole 20 wud go on a singl shelf, and take no more room, and the Index wud refer more exactly to what was wanted. Number of books yu hav on any subject has in this sistem no special weight. In relativ location, any number of consecutiv topics without a book wastes no space on shelvs or in catalogs. Numbers ar merely skipt. This not only does no harm, but has great negativ value, as looking for a number and finding it blank or skipt shows that yu *hav nothing on that subject*—information 2d in value only to finding sumthing, for one need no longer serch.

The practical objection to close clasing is that it givs a longer number, when this is uzed to charj by in a lending library. In a reference library

ful subsections shud always be uzed. Where short numbers ar imperativ, giv ful clas number on another part of the bookplate, not to be uzed in charjing, but as a gyd to contents. Thus when a clasifyer has once examind a book and found out just what it is about, he records it to benefit others.

Bilding numbers

Jeografic divisions In dividing by cuntries according to note 'Divided like 930–999', found so often in Tables, ad only the number following initial 9, for this 9 means not locality but simply clas 9, History; e.g. 942, history of England, analyzd is 9 history, 42 England (4 Europe, 2 England). If jeolojy of England is wanted, ad to 55 (jeolojy number) 42 (number for England) and yu hav 554.2. History of N Y state is 974.7, of which 747 is locality number; 353.9747, number for N Y state administration, is bilt by ading to number for state administration, 353.9, number for N Y state, 747.

Languaj and literature In 890, where directed to 'divide like 490', note that 890, Minor literatures, and 490, Minor languajes, correspond exactly, so that only figures following 49 ar to be aded to 89 to bild a minor literature number; e.g. Polish languaj is 491.85; ading 185 to 89, Minor literatures, givs 891.85 Polish literature. In brief, to form literature from filolojy numbers substitute 8 for 1st figure, 4; e.g. Sanskrit languaj 491.2, Sanskrit literature 891.2. Under 490, the filolojic divisions (dictionaries, grammar etc.), and under 890 the form divisions (poetry, drama etc.) shud be uzed only when clas number represents a *specific* languaj or literature, e.g. 491.7 Russian, but *not* 497 North American, awaiting further division by languaj.

If directed to 'divide like main clasification', as in 016, number for required subject is aded exactly as it stands in Tables; e.g. bibliografy of Polish poetry, 016.891851.

Combining numbers in a way not printed in Tables must be dun with great care, or confuzion results. Many uzers, fascinated with the posibilities of the sistem, make combinations more injenius than useful; e.g. 'The horse's foot and how to shoe it' was once markt 636.1682, i.e. blaksmithing number, 682, aded to horse number, 636.1. Horseshoeing is now in Tables as 682.1, while 636.168 means American ponies.

Often a clasifyer ads a figure to show sum distinction. It seems short and desirabl, but later he may find he has shut himself off from uzing

sum other division greatly preferd. For his personal aditions, letters or other simbols not numbers shud be uzed. Every aded simbol must be clearly writn in Tables and Index. Never trust memory for decisions.

Book numbers

The call number of a book (number by which it is cald for) jeneraly consists of both clas and book numbers. The same clas number applys to all books on same subject; the book number distinguishes each individual work from all others in that clas, and is the same for all volumes or copies of same work. When a specific volume is wanted the number for that volume must be aded to clas and book numbers to complete the call number. Most important methods of assyning book numbers ar:

Author numbers Invention of translation sistems by which a name is represented by its initial, with remaining letters translated into numbers, e.g. Freeman, F85, has led most libraries to arranje books under each clas number alfabeticly by authors, or in local history by towns, or in individual biografy and bibliografy by biografees and bibliografees. This keeps together all works by same author or on same town or same biografee, etc. and even in larj clases enables one to find any book redily without consulting catalogs. One great advantaj is that same author has same book number in every subject; i.e. figures ar 'significant' like our clas numbers, and translate themselvs into names. Great practical nemonic convenience results from this form of book number. Most widely uzed of these translation sistems is C. A. Cutter's, known as 'Cutter numbers', publisht by Library Bureau.

Special author tables A 2d method, for authors having special numbers, e.g. Shakspere, 822.33, or Milton, 821.47, is uniform use for such authors, of book numbers A-N, with O-Z assynd on basis of their individual works, as ilustrated under 'Special author tables', on pajes following Relativ Index.

Time numbers A 3d arranjement of books under clas numbers is cronolojic by date of 1st publication. Its advantaj is in presenting historic development of subject, the book writn erliest being on the left, the latest work on the ryt, and then of any givn book it is evident that all those on the left wer writn before it, all those on the ryt after it. In syence and useful arts this has special value, while in literature author arranjement is better. W. S. Biscoe's translation sistem of dates givs a more compact and satisfactory mark for year than date writn in ful. (For ful

explanations and table see 'Biscoe time numbers', on pajes following Relativ Index)

Accession order A 4th arranjement, simpler but otherwize les desirabl, is in accession order; 1st book put in a clas being numbrd 1, and 2d 2, the 3d 3.

It is entirely practicabl to uze 2, 3 or all 4 of these methods at same time in same library, one peculiarity of the sistem being the eaz with which it may be adapted to almost any special circumstances. The advantajes of the cronolojic numbering ar most markt in syence and useful arts; the alfabetic is best in clases where names of authors or subjects outrank dates; and special author numbers in cases where clas number alredy indicates author, so corresponding indication in book number wud be useless duplication; while the old accession-order plan is good in special colections which must be kept separate and ar no longer aded to, since here the extreme simplicity of 1, 2, 3 order is secured with no sacrifice. It is stil better, if this last method is uzed, to adopt A, B, C, insted of 1, 2, 3, as 26 insted of 9 books may be markt with 1 caracter, and chiefly becauz it is hyly desirabl that each book number begin with a letter, which can not be mistaken for end of clas number if writn on same line; e.g. 1st book under 513, if numberd 1, myt be so writn as to confuze with subsection 513.1, but 513A cud not be misinterpreted. If figures ar uzed, take care to write them as a fraction or with separating dash; e.g. 513 or 513–1.
1

Variations practicabl in adjusting to special local requirements

Sum uzers assume that adopting Decimal Clasification and Relativ Index carries with it other parts of the sistem uzed by the author at Amherst, Wellesley or Columbia colejes or in New York State Library. In fact, the plan in each differd sumwhat from all the others, and many of the thousands of public and private libraries now uzing it hav adopted stil other variations; for special constituency, circumstances and resources of each library must be considerd in deciding what is best for it. This decision shud be made by one familiar, not only with the library and its needs, but also with all methods of any merit and with comparativ eaz and cost of introducing them into any givn library.

Cautions Having decided to adopt this sistem in its *decimal* form as workt out and printed, determin whether to adopt certain variations,

noted in 1–5 below as practicabl, and in sum cases useful and desirabl. The inexperienst uzer is very likely to feel entirely competent, without reading more than a singl paje of the Tables, regardless of its bearings on hundreds of other places, and without so much as looking at the author's explanations, to institute a series of 'improvements'. Experience shows that nothing cud be more disastrus. It seems a simpl matter to put a topic a line hyer or lower, but in sum cases this may affect over 100 Index entries, and there is no posibl way to be sure of correcting them except by examining each of 43,000 heds. Proposed chanjes, carefuly studid out and submitted as improvements, ar frequently shown by our old records to hav been adopted and uzed in the exact form proposed til unforeseen considerations forst us to chanje to the form as printed. Even after years of experience one is not safe in pronouncing on an apparent improvement without consulting voluminus records of previus experiments.

Even sum who hav uzed the sistem longest hav been misled into adopting chanjes which on tryal they wer compeld to reject, going bak to orijinal form at cost and confuzion of 2 chanjes. In so apparently simpl a thing as introducing subdivisions on blank numbers, mistakes ar often made; and when too late to correct them the makers regret their neglect to consult the editor and secure advice and cooperation of those most familiar with the manifold interrelations. Even wer the independent divisions equaly good, they do not agree with those which wil later be printed in Tables and Index, so that every copy of the printed skeme wil hav to be corrected in manuscript before it is uzabl in that library. The only safe rule is to *make no chanjes or subdivisions* without submitting them to the editor, who wil gladly advize on such matters without charj, not on ground of any superior wizdom, nor even becauz of larjer experience in this special work, but becauz in this way only can it be lernd if corresponding subdivisions hav been alredy assynd sumwhat differently.

A uzer who adopts printed form avoids criticizm sure to be aimd at any posibl skeme. The moment he makes 1 'improvement' he must defend all his heds or alter them to suit each critic. Much time is saved by saying that the skeme is uzed as **printed**, and blunders ar the author's, not the uzer's. A list of chanjes made by others without consultation was writn for this caution, but is omitted lest it seem invidius. It ilustrates how eazy it is for able men to make what no one questions after explanation to hav been outryt blunders, in 'improving and ading to' the

printed skeme. We ar always grateful for sugjestions from anyone, and, having alredy spent so much time in efforts to improve this sistem for the common good of all uzers, invite cooperation of those interested in completing needed subdivisions and eliminating any errors that remain in either Tables or Index.

Sugjested variations

The following brief notes show the most important variations found practicabl in the 'relativ index and location sistem,' oftener cald the Decimal Clasification or 'Dewey sistem', or oftenest simply 'D C'.

1 Letter or simbol notations for chanjes or aditions To protect other uzers from confuzion, the publishers insist, as entitled to by copyryt, that D C numbers shal not be printed with chanjed meanings or aditions, without sum clear indication of the fact in the number itself. If reazons which led to adoption of form printed ar not conclusiv to another, we wish to remove any obstacls to his use of the sistem with such chanjes as shal satisfy him. This can redily be dun by uzing a letter or sum other caracter than the 10 dijits, to mark chanjes; e.g. if yu wish a different set of subdivisions under any number, make it out to suit, and letter it a, b, c, etc. It wil arranje in its exact place and exact order without difficulty, and no other uzer of the sistem wil be confuzed by yur forms. In Index, cancel 1, 2, 3, etc. yu hav discarded, and write in a, b, c, etc. adopted. **Whenever yu uze our exact numbers, uze also our exact and universal meanings for them as indext.** For any aditions or chanjes of yur own, uze letters or simbols of yur own which can not be mistaken for ours, uzing, of course, our figures to the place where difference begins; e.g. if yu want a new heding next to 551.34, Icebergs, it can not properly go as decimal 1. Mark it 551.34a, and it arranjes as wisht. If yu wish to chanje a hed from one place to another, cancel it where it stands, and *leav that number blank* in Tables. Then insert the hed in its new place as abuv, as if it had never been in our Tables. Unuzed decimals ar often *alredy appropriated* for authorized subdivisions, tho they may not be printed til several editions later.

This plan of introducing letters or other simbols wherever each uzer pleazes, wil giv all needed freedom to the personal equation and desire for 'orijinality', and meet all real wants for peculiar clasification in peculiar cases.

Fiction In sum cases it is uzualy best to modify clas numbers by letters as abuv. In popular libraries half the circulation is often fiction. It

is a great saving to omit clas number entirely and uze merely book number, it being understood that *no* clas number means 'fiction'. Sum libraries go stil further and for fiction omit book number as wel as clas number. Sum even omit book numbers in other clases.

Juvenils After fiction, great circulation makes juvenils a good place to economize, if they ar kept separate, as is uzualy desirabl in popular libraries. Books ar clast as if for adults (except that a short number may be uzed) J being prefixt to show their special caracter. This givs J alone as clas number for juvenil fiction; J942 is a child's history of England. These books ar arranjed in a paralel library by themselvs, so J942 cums between J941, juvenil history of Scotland, and J943, juvenil history of Germany.

The separate J library can at any time be abandond by distributing J books amung the regular clases, either ignoring J entirely, or preferably by putting all J books by themselvs at end of each clas number. In former case, if shorter numbers hav been uzed for juvenils than for adults they shud be extended to correspond; in latter case, numbers may either be extended and the books shelvd at end of exact subdivision, or the shorter numbers may be retaind and the books groupt at end of entire section, e.g. *all* juvenil works on English history may be kept under short number J942 and shelvd after all adult works on English history, both 942 alone and 942 with subdivisions.

There ar thus 3 methods: 1, to hav a separate J library; 2, to hav J books by themselvs at end of each clas number; 3, to hav J books in alfabetic order amung other books on same subject. In this last case J is useful only to call attention plainly to their juvenil caracter.

Unless shorter numbers ar uzed for juvenils than for adults the same marking is uzed for all these plans, and one can be chanjed to another by simply distributing books the other way and teling attendants.

Biografy For this larj clas, opinions differ as to best treatment. Beside the plan printed in Tables the following methods ar widely uzed.

For *individual* biografy, i.e. that relating to a singl person (including books containing biografies of not more than 4 persons)

1 Put all biografies in one alfabet of names of *persons writn about*, uzing 92 for clas number, and indicating the subject or biografee by a Cutter book number; e.g. life of Grant, 92 G76. This is most compact for charjing, and is preferd in popular libraries of larj circulation. Insted of 92 for clas number, B is often uzed, but is les desirabl, since it has no lojical place in a numeric arranjement on shelvs and is sumtimes confuzed with the author's initial in fiction.

2 Distribute biografy as far as posibl to subjects it ilustrates, leaving, of course, under 920 the lives not bearing specialy on any subject; e.g. all lives of musicians go under 780 and its subdivisions, life of Wagner being 782.2 insted of 927.82 as in Tables. When 9 is uzed to indicate history of a special subject, 92 may be uzed for its biografy; e.g. 780.9 History of music, 780.92 Biografy of musicians.

Collectiv biografy may be clast in a singl group under 920, or by subject under 920–928, as in Tables, or distributed thruout the clasification, according to 2d plan givn abuv for individual biografy, subarranjement with any of these methods being alfabetic by author.

Paralel libraries This treatment of fiction, juvenils and biografy ilustrates the principl. Its other chief application is for languaj colections. Sum libraries hav a constituency not reading English, and so need a paralel library in Italian or Swedish, etc. This is most eazily made by simply prefixing languaj initial to clas number. If arranjed in one series of subjects this initial is ignored, or all books in the special languajes may be groupt under initial letters at end of each clas number. The paralel library is made by simply putting together all books having same languaj initial and then arranjing by clas numbers. Initials uzed ar F, French, G, German, I, Italian, Sp, Spanish, Sw, Swedish, Dn, Danish, Du, Dutch, N, Norwegian, W, Welsh, A, Arabic, etc. Where only 1 languaj is so markt in a givn library, jeneraly only 1 letter shud be uzed, so as to avoid an extra letter in charjing; e.g. S wil anser for either Spanish or Swedish if uzed in only 1 sense. A prefixt letter may, however, hav been uzed with a different meaning, e.g. R for Reference, necesitating more than 1 letter for the languaj prefix, *even if only 1 languaj* is represented by the initial, e.g. Ru for Russian. This plan has proved very satisfactory in actual use.

Combining languaj and literature Same principl can be applyd also in combining each languaj with its literature, if it is preferd to abolish class Filolojy, and make it simply an appendix to Literature; e.g. uzing 82f for English filolojy and ading filolojy subdivisions, English dictionaries wud becum 82f3, English grammars 82f5, etc. arranjed either just before or just after English literature, 820, 821, etc. and reverse wud hold true if a filolojist wisht to abolish Literature and make it an appendix to Filolojy.

Reference library To separate books most needed, the best plan is to mark R before clas numbers, and arranje books together as an R library. When books ar to go into jeneral colection again, draw a line thru this letter.

In same way it frequently happens that a jeneral private library is givn on condition that it be kept together; e.g. Phoenix library of Columbia University. This has P prefixt to clas number, and thus is a paralel library by itself. An initial is better than * or similar mark, for it helps memory and is just as brief. Same plan applys if the library has an 'inferno' for books not uzed without permits, or for distant rooms where books worth keeping but seldom cald for can be arranjed in a paralel storaj library.

Stil another provision is made in 080, 8 being regular number for jeneral colections (as in 508, 520.8 etc.), for those special libraries which can not be separated becauz of binding or conditions of gift; but insted of the 3 figures in 080, a singl letter, as described abuv, indicates the special colection, and it is eazy to lern location of the few special colections of any one library.

Omission of initial O in the clas 'Jeneral works' has been tryd; e.g. 51 insted of 051 for an American periodical, but is not advized, for the eye gets so in the habit of reading as *Syence* any number beginning with 5, that there is a mental hich if, e.g. jeneral periodicals ar writn 51, etc. insted of 051, etc. Another reazon is that Institut International de Bibliographie regards as neglijibl a final 0 and uzes the 1 and 2 figure numbers as we uze those same numbers fild out by 0 to 3 figures, e.g. 1 for filosofy, like our 100, 22 for Bible, like our 220. Also in clasification it sumtimes happens that the 1st 2 figures ar obvius at a glance, but time must be taken to determin the 3d. It is convenient to write these 1st figures, but if a mathematical book receivs its 1st 2 figures (51), this unfinisht number is likely to be confuzed with the 2-figure number 51. This danjer may be larjly avoided by writing the decimal point after a blank; e.g. 51 ., to show that a figure is omitted.

2 Contractions for specialists The sistem is often uzed by specialists for very minute work, where decimals run out to 6 or more places. Theoreticly it is better to write all these figures, thus showing relation to the universe of knowlej, but there is no practical gain to justify the labor if a great quantity of slips must be numberd. A specialist working on 'Swedish poetry of the aje of Gustavus' can uze a singl letter insted of the ful 839.715 and save 5 caracters in numbering each note; or a dash may be writn for all but the last figure, thus '—5'. A body of such notes can be inserted together in their place in an index at 839.715, with a colord card to mark the special groups, with litl danjer of confuzion. Stil a stickler for theoretic completeness wil write a ful index number for each separate slip.

3 Use of alfabet or cronolojy for final subdivisions While our plan is decimal as distinguisht from 'dictionary' we *always alfabet* wherever that is more useful. Indeed, the main feature of our plan is its alfabetic Relativ Index. Frequently in minute divisions it is economy to arranje alfabeticly or by dates without uzing a translation sistem. This is specialy true in index rerums and notes of specialists. After numbers hav been uzed as far as that is the most useful form, then either the name chosen for hed or the year can be inserted at the end; e.g. towns in a givn state, individual birds or insects cuming under one number, names of men writn about in biografy, etc. Sum may prefer to adopt this plan in places where we hav chosen a grouping; e.g. in chemistry, to put all metals in one alfabet under 546.3, insted of uzing numbers 546.3–.99. If this chanje is wisht, a more complete one wil probably be better: put all elements, metallic and nonmetallic, in 1 alfabet under 546. Such use of the alfabet cauzes no confuzion with the Index, as it simply subdivides more closely, unless, as in the case of 546.3, the alfabet replaces heds alredy printed. In this case, cancel all subsections in the Tables by drawing a line obliquely thru heds discarded, and mark in marjin 'Alfabet by elements,' e.g.

546.3	Metals	Alfabet by elements
.31	Alkali group	
.32	Potassium	
.33	Sodium	
.34	Lithium	
.35	Rubidium	
.36	Caesium	

Then find each of these heds in Index and cancel all figures after 546.3, e.g.

Potassium, inorganic chemistry, 546.32
Rubidium, " 546.35

This plan has special value in this place, as new elements ar discoverd from time to time, and can redily be inserted in alfabetic place. Stil many chemists think it valuabl to hav similar metals groupt together for convenience of study, and to cover books writn on the group as a whole, and also think it important to hav a number for rejected elements, becauz literature and references about them remain, and must be provided for.

4 Broken order Another common and often desirabl variation for shelf arranjement is to break sequence of numbers, to get most-uzed books nearest delivery desk. Theory keeps numbers in strict sequence;

but a hyer rule everywhere is 'sacrifice any theory for a substantial gain'. Practicaly there ar few libraries where it is not best to break order of clases. Often divisions ar best arranjed out of numeric place; e.g. 520 Astronomy may be wanted in a room accessibl at nyt; fiction, juvenils and biografy ar always wanted near the delivery desk in a public library, and in strict order ar as likely to cum at the most distant point. Numberless local reazons may make a broken order desirabl. There need be no hesitation in adopting it if enuf is gaind, but there shud be charts clearly showing where each division starts; e.g. after 430 'Preceding 830'; after 520 'In observatory', it being necesary to specify room for books entirely removed from jeneral library arranjement. The summary of 100 divisions is furnisht by Library Bureau, on celluloid charts, to show location. Opposit each division shud be markt its beginning on shelvs, and it is eazy to vary the order as much as desirabl, tho of course the nearer the divisions run in regular order, 000–999, the eazier it is for a stranjer to find his way about. Variations in order of sections ar les wize and seldom necesary, but if made, a wood or cardboard dummy in regular place shud hav markt on its side the actual location of any section removed.

This broken-order plan is best for bringing together filolojy and literature of each languaj without altering numbers or prefixing any letter. Let 420 be shelvd just ahed of 820, 430 ahed of 830, and so for all languajes, making the jeneral note that all 400s ar shelvd just ahed of corresponding 800s, and remembering that after main languajes 4 or more figures ar required to indicate languaj alone, so Portuguese filolojy goes between 868 and 869, Russian between 891.69 and 891.7, Bohemian between 891.85 and 891.86, etc.

5 Pro and con division of topics It is very useful in many cases to separate books on a topic with strongly markt sides, so either set of views and arguments may be seen by itself. This has been dun in sum cases by subdivision, e.g. 337 Protection and free trade. In others it is equaly useful, and can be indicated by an aded mark, e.g. 324.3 Woman suffraj. The number may be uzed for jeneral works, giving facts etc. and advocates and opponents may be separated by + and − for positiv and negativ, or by p and c, the initials for pro and con, which tho short, ar too long for a circulating library to uze in charjing but may be disregarded for that purpose if book numbers ar so assynd as to distinguish. In reference libraries, on cards, etc. most wil prefer to write out *pro* and *con*, to mark the 2 groups. The order on shelvs is, of course, alfabetic, i.e. 324.3, 324.3c, 324.3p; or if + and − ar uzed, the uzual order is followd: +,−.

These 5 notes sugjest the ranje of variations which may be made, and ilustrate D C adaptability to widely different conditions.

Bibliografic modifications

After study of all other availabl sistems the Decimal Clasification was adopted in 1895 by the newly organized Institut International de Bibliographie (known as I I B) as best adapted for its projected universal subject bibliografy to cover ultimately all subjects in all languajes in all periods of the world's history.

Determining factors wer:

1 Decimal Clasification was of topics, independent of languaj or exact sinonim by which exprest
2 Its notation was in itself the only international languaj, since it consisted solely of arabic numerals, uzed all over the world
3 Its decimal principl allowd indefinit intercalation

Overdetaild as the Clasification alredy seemd to many librarians, lak of subdivision was the Institute's 1st difficulty and it urjd us at once to enlarj the Tables. State Library duties at that time made concentration on this imposibl, but we promist cooperation and criticizm if I I B wud draft required extensions. When its remarkably rapid work precluded even adequate criticizm, it was authorized to publish its tables and assured that the American revision wud vary from them as litl as practicabl. At Geneva in 1924 the harmonizing of the American and European editions was agreed on and to D C editor was delegated the very extensiv work of checking the variant forms and recommending which shud be kept, a work which is now wel under way.

Obviusly, bibliografic and jeneral library use ar so different that in sum cases what is clearly best for real needs of skolarly specialists, where any simbols can be uzed on index cards, wud be quite impracticabl for a public library, which must hav simbols that can be markt on the bak of books, redily uzed by the unskild public in writing call slips, and rapidly handld by low-priced runners and yung clerks. This difficulty can, however, often be obviated by allowing alternativ forms.

I I B has devized and uzes injenius simbols, expressing many interrelations and greatly increasing numbering capacity. But these new simbols ar tho't by many too complex for ordinary shelf or catalog use, tho 25 years use by I I B with unskild clerks has proved that this objection is more fear than result of fair tryal. They ar givn here broadly for personal notes of specialists and other close clasifyers, to whom their vast prac-

tical advantajes wil strongly appeal, and as a key to notation on I I B bibliografic cards. Elaborate details and explanations ar in *Classification décimale*, Brussels, 1905, of which a new edition is announst for 1927. Obviusly these simbols allow subdivision of the same number in many different ways without confuzion.

The most important of these devices ar *3 Relation syn* and *6 Place syn* and their use in libraries where they hav been tryd has proved that it is entirely practicabl, even for marking books.

The wide and ever-growing ranje of application of certain subjects makes it imposibl to subdivide satisfactorily by assyning definit numbers, but use of colon to show relation between 2 subjects provides an automatic method which can be uzed with any subject for unlimited subdivision. (For ilustration see note under 150 Sykolojy.)

Use of ( ) round a local number provides an automatic method of local subdivision for any subject, as there may be need in an individual library, while the simbol shows instantly the *local* nature of the subdivision.

1 **Accretion syn +** This simplest of simbols, equivalent to 'and', indicates exactly what it sugjests, that the articl so numberd treats of all subject numbers connected by +; e.g. 637+614.32 a work concerning dairies and also on inspection of dairy products.

2 **Cupling syn –** This is uzed for cupling to a subject a series of subdivisions common to a group of subjects, as 400 Filolojy (e.g. 45–3 Italian dictionary, 45–4 Italian sinonims, 45–5 Italian grammar; 46–3 Spanish dictionary, 46–4 Spanish sinonims, 46–5 Spanish grammar), 800 Literature (85–3 Italian fiction, 85–4 Italian essays, 85–5 Italian oratory; 86–3 Spanish fiction, 86–4 Spanish essays, 86–5 Spanish oratory), 546 Inorganic chemistry (546.51–3 Oxids of led, 546.51–4 Sulfid of led, 546.51–5 Chlorid of led; 546.56–3 Oxids of copper, 546.56–4 Sulfid of copper, 546.56–5 Chlorid of copper; 546.57–3 Oxids of silver, 546.57–4 Sulfid of silver, 546.57–5 Chlorid of silver). It shud, however, be uzed only where such use is specificly mentiond in the Tables, as confuzion wud otherwize result. This syn is so similar to that commonly uzed for 'to and including' that when it is uzed with Institut meaning it is advizabl to uze word 'to' for the other meaning.

3 **Relation syn :** This is most useful simbol of all, as it involvs no chanje of number except omission of final 0 by those preferring shortest form. It indicates merely that subjects so connected ar *considerd in relation to each other,* thus affording means of expressing almost limitless

interrelations: e.g. ethics in relation to fine arts is 17:7 (or, better, in ful 170:700). Vice versa, art in its ethical aspect is 7:17 (or 700:170); order of numbers before and after colon depending on emfasis, or on subject with which they ar to be arranjed.

4 **Form syn (0)** Form or jeneralities ar exprest by a parenthetic number beginning with 0. This is further subdivided as follows:

(0:) Form simbol; e.g. 335 (0:843) means Socialism treated in form of a French novel.

(00) Subdivisions peculiar to a subject; e.g. for history it means sources. It is further subdivided and in sum cases modifyd by a hyfend figure; e.g. 9(44) (001–3) means *Catalog* of *official* sources of French history, (001) meaning official sources and –3 meaning catalogs, indexes, lists etc.

(01)–(09) ar the same as our regular form numbers 01–09. Obviusly we can not replace our long establisht simpl form numbers by sumthing so much more complex that it is impracticabl for shelf use.

5 **Universality syn ∞** The mathematical syn of infinity is uzed with place and time syns to mean 'Without limitation': with place syn (see 6 below) it means 'including all places', e.g. 9 (∞) History of all cuntries; with time syn (see 8 below) it means 'covering all periods', e.g. 9 (∞) "∞" History of all cuntries at all times.

6 **Place syn (3)–(9)** These replace our regular cuntry subdivisions found in 930–999, but do not conflict, as I I B merely leavs D C 930–999 vacant, and writes History of France 9(44) insted of 944. Other auxiliary place numbers indicating jeneral rejion, direction, jeolojic place, prehistoric time, etc. ar also provided in place curvs.

7 **Languaj syn =** This syn preceding languaj numbers as found in 400 Filolojy, indicates subdivision by languaj; e.g. 523.5=9185 means a work on meteors, in Polish, 91.85 being filolojy number for Polish languaj in 400.

8 **Time syn " "** Numbers denoting time division ar writn in quotes. I I B skeme givs an elaborate time-division sistem based on exact dates; e.g. "1922. 12. 11", meaning year 1922, 12th month, 11th day.

9 **Jeneral points of view syn 00** Each of the following numbers for point of view (except 005) has also a series of subdivisions:

001 Speculativ: idea, purpose, plan etc.
002 Realization: execution, construction etc.
003 Economic: industrial production, cost and sale prices, etc.
004 Servis and use: workings, administration

005 Equipment and apparatus
006 Bildings and establishments: details of organization and servis
007 Special personnel

10 A to Z Alfabetic arranjement by name of person, place or thing is indicated according to circumstances by initial or whole name.

Sequence of these simbols in clas number may be varid by uzers to produce any special arranjement wisht, but unless distinct notis of this is givn, sequence is arbitrary in the following order:

( ) " " = : - A-Z

e.g. 9(44)"17"=2 History of France in 18th century, writn in English

Other uses

Tho this sistem was devized 1st for library catalog and shelf arranjement, 54 years hav developt many new applications. Nearly every administrativ department feels directly the great economy, and in every field of literary activity this clasification has been found a great laborsaver, whose practical usefulness has exceeded the most sanguin hopes of its erly frends.

Bookstores The plan is a great convenience to both dealers and customers, when applyd to miscelaneus stok. Very often a much wanted book, specialy if not recently publisht, is reported 'not in stok', when D C arranjement by subject wud hav reveald its place at once. Specialists often find on shelvs books they wud never hav orderd, but ar glad to by after examination. Experience proves it profitabl for a dealer to arranje his books so each person may find what he is interested in without examining entire stok.

Offis files A great file of papers is like a library in miniature. Experience the world over proves that while alfabetic and numeric sistems ar invaluabl for many purposes, complete usefulness demands close clasing as material grows. The best plan is to combine simplicity of numeric and utility of clast as in this Decimal Clasification and Relativ Index uzed by most libraries. The simplest posibl printed index of 43,000 heds tels instantly by what number to mark or to find any paper. Insurance is markt 368. This means: clas 3, Sociolojy; division 6, Associations and institutions; section 8, Insurance. Fire insurance is 1st subdivision, so every paper about fire insurance is markt 368.1 and goes in the drawer in numeric order, where it can instantly be found thru the printed Index.

54 years use in a score of cuntries has proved this numeric sistem, with

its Relativ Index, a marvelus laborsaver. Clasification is a necesity if all material on any givn subject is to be redily found. The labor of making one's own clasification is uzualy prohibitiv, if wel dun. By adopting the skeme in jeneral use by libraries this labor is saved and numbers ar in harmony with those of thousands of other catalogs and indexes in which the same number has the same meaning; for, as pointed out at a recent international congress, these numbers ar the only international languaj of perfectly definit meaning amung all civilized nations; and also cheapest and quickest in application.

A successful man is uzualy a clasifyer and chartmaker. This applys as much to modern business as to syence or libraries. Hyer education differs from elementary in studying not mere facts, but their *relations to all other facts*. Alex. Bain wizely said 'to lern to clasify is in itself an education'. The man of much business or affairs must study every problem in its manifold relations; i.e. must clasify and make charts of his results. Without these he is like a sailor in stranje waters, sooner or later shiprekt unless he uzes charts to find safe channels as wel as to avoid roks and shoals. A larj business or work unclasifyd or uncharted is not a worthy organization but mere material from which a clever brain may construct one. It differs in efficiency from the ideal as a mob of men differs from a wel disciplind army. Piles of brik and mortar ar not a templ any more than heaps of typ ar Shakspere's works, tho if 'clasifyd' and set, each in ryt relation to the rest, the transformation is bro't about.

Scrapbooks The plan has proved the best for keeping newspaper clippings. Uze manila sheets of uniform size (we find 20x25cm best) Write clas number of subject in uzual place on paje, and mount clippings on sheets as in a common scrapbook. These sheets ar arranjed numericly like a clast card catalog, sheets of each clas being further arranjed, when desirabl, under alfabetic subheds. When one sheet is ful, insert another at the exact place. Thus perfect clasification is kept up without blank sheets, and at smallest outlay of money and trubl. Scraps thus mounted ar shelvd either in manila pamflet cases or in patent binders, or ar kept in vertical files.

Index rerums These ar best made on standard P size (7.5x12.5cm) cards or slips. Lyt weight catalog card stok is best for private indexes, etc. It costs only ⅔ as much as hevy bristol, takes only ⅔ room, and handls eazily.

Where durability and convenience of handling ar les important than cheapness uze common hevy writing paper. Novises often greatly di-

minish usefulness of the card sistem by uzing ordinary machine-cut cards or slips varying in hyt so much as to make quik and accurate manipulation imposibl. Extreme variation to be tolerated is 1 mm or 1/25 inch. This wil be understood by placing a 7.4cm card between two 7.5cm cards. In rapid turning, fingers make a brij across taller cards and mis the lower one entirely. Cards must be accurately cut or they lose half their value and in many cases necesitate recopying material at a cost 10-fold greater than to hav thrown away imperfectly cut cards or slips at the outset.

Clas number is writn in upper left corner, any alfabetic subject hed follows at ryt, and notes fil card below. Cards ar then filed in order of clas numbers, the cards of each clas being further arranjed like scrap sheets, according to any alfabetic subheds.

Paper the size of scrap sheets, 20x25cm, arranjed and stored the same way may be uzed insted of cards. This has the advantaj of a ful letter paje in syt at once, and holds over 5 times as much as card. While the sistem can be applyd to slips or sheets of any size, there ar literaly hundreds of accessories and conveniences exactly adapted to these 2 sizes, which ar uzed much more than all others combined; so it is folly to begin on another size, and lose the advantajes of this uniformity. If intermediate sizes must be had, the best ar Billet 10x15cm, Note 12.5x20cm, and Ms 15x25cm. Often uzers of sum other size finaly find it profitabl to chanje to either P, 7.5x12.5, or to L, 20x25cm, even at cost of rewriting many notes.

After 50 years use of P size, countless millions of cards ar in catalogs and indexes in scores of cuntries, so it wud be quite imposibl to chanje from 7.5x12.5cm. But recent study and experiments hav shown that sheet or room proportions ar most pleazing in ratio of 1 to square root of 2, or about 5 to 7, i.e. ratio of the side of an equal-side triangl to its hypotenuse. An immense practical advantaj is that this is the only ratio where continuus halving givs always the same ideal proportion. This results in markt economy in cutting sizes from larj standard sheets. The favorit letter sheet is 19x27 cm. This fits most vertical and other files. We now uze it insted of 20x25 and 15x25. Half this size is a pleazing small quarto, 13.5x19, and its quarter is a very convenient pocket size, 9.5x13.5cm. These replace our old Note and Billet sizes.

Note books ar best in loos-leaf form. A much poorer method is to take a bound blank book, and assyn clas numbers in order, giving about the space it is tho't each wil require, and, when pajes so assynd ar ful, note at bottom where rest of the material may be found. This has all objec-

tions of old fixt location as compared to relativ, and wil hardly be adopted by any person who has ever seen loos-leaf simplicity and economy.

Scores of devices for convenient handling and storing of these slips and sheets and of pamflets ar manufactured. The ful descriptiv and ilustrated catalogs of Library Bureau giv details.

Topical indexes Clas numbers ar uzed to index books red. Simpl numbers take the place of a series of words, and results can be handld, arranjed and found much quicker. Such entries may be kept separate or combined with index rerums.

Advantajes for making topical indexes of colected works, periodicals, transactions etc. wil be evident to every indexer or librarian. These consolidated indexes may be arranjed together with the card catalog of the books, or by themselvs, as seems best in each case.

These ar only a few of the sistem's varid applications. Enuf hav been mentiond to show its wide adaptability to wants of librarian, student and business man.

This brief account has probably faild to meet sum objections which may be raizd and could eazily be anserd.

Tho much elaborated and in sum few points alterd, the essential caracter of the plan has remaind unchanjed from the first. Revision and expansion constantly in progress involv many new interrelations. As extensiv advance testing of new skemes is not always posibl, practical applications ar sure to develop unnotist faults. Clasifyers ar therefore askt to uze new tables criticaly and report defects of any kind, with proposed remedies and any needed subdivisions, also any heds needed for the Index. All such criticizms ar a decided help and favor.

Aknowlejments

The labor on Clasification and Index has been wholy beyond appreciation of any who hav never attempted a similar task.

In his varid reading, correspondence and conversation on the subject, the author has doutless recievd many sugjestions and gaind ideas which it is now imposibl for him specificly to aknowlej. The *Nuovo sistema di catalogo bibliografico generale* of Natale Battezzati, of Milan, adopted by the Italian publishers in 1871, tho he copid nothing from it, more

than any other singl sistem stimulated his study of the problem. The plan of the St Louis Public School Library and that of the Apprentices' Library of New York, which in sum respects resembld his own, wer not seen til all essential features wer decided on, tho not givn to the public. In filling the 9 clases of the skeme, the inverted Baconian arranjement of the St Louis Library was followd. The author has no wish to claim orijinal invention for any part of his sistem where another has been before him, and wud gladly make specific aknowlejment of every aid and sugjestion wer it in his power. Tho at its start a litl book, it came not forth except by grievus labor.

Much valuabl aid has been renderd by specialists, who hav assisted greatly in developing tables. Amung these ar many wel-known skolars, and to all most cordial aknowlejment is made. Without such assistance, the present development cud not hav been attaind, for many minds wer necesary to supply teknical and special lerning absolutely essential in filling minute heds. Indeed, in many subjects the author's share has been limited to modification necesary for teknical adjustment to his skeme, of material prepared by specialists. To many prominent librarians we ar indetted for valuabl sugjestions and appreciativ criticizm. While these frends ar in no way responsibl for any remaining imperfections, they shud hav credit for many improvements made in these 54 years of revision, during the 1st 3 of which the skeme was kept in manuscript, that its many details myt be subjected to actual tryal, and modifyd where improvement was found practicabl.

We ar under deep obligation to Institut International de Bibliographie for its great volume of valuabl work, covering almost the whole ranje of subjects, and also for its advice and criticizm during progress of our own expansions. To Dr C W Andrews, John Crerar Librarian, Chicago, and to American Library Association clasification committee, of which for past 10 years he has been chairman, we ar greatly indetted for interest and advice.

W S Biscoe From 1st publication to the present, the most extended and valued assistance has cum from my colej clasmate, associate and frend, Walter Stanley Biscoe, my 1st assistant in Amherst College Library, in charj of which he succeeded me, resyning to accept again in 1883 the place next me in Columbia College Library, and again resyning in 1889 to becum librarian in charj of clasification and catalogs in New York State Library. This book is witness to the rare unselfishness with

which he has givn time taken from rest and recreation to this work, in which he shared my interest and faith.

May Seymour Except a year in charj of clasification in the Osterhout Library she was with me 34 years, from her entrance to the 1st Library School clas in 1887 til her deth, June 14, 1921. At New York State Library, clasification was her department til she was made director's assistant. For 32 years every item of work on new editions past thru her hands. For each of editions 4–10 she did all editorial and much constructiv work, secured expert cooperation, cald attention to faults or omissions, and sought the best availabl compromize where doctors disagreed, devoting to this vast labor rare skolarly industry and a loyalty for which no words of thanks can be adequate. She shared my faith in its immense usefulness, did the hardest work, and deservs the gratitude of all who profit by this invaluabl laborsaver. I often askt that her name appear on the title-paje of the book to which she gave so much, but she persistently refuzed.

Her place as editor was taken by one of her own choosing, Dorcas Fellows, who more than anyone else had workt closely with Mis Seymour for 25 years, and who wil giv future editions the benefit of cumulativ experience in which she so larjly shared. D C uzers ar congratulated that Mis Seymour's position is held by the one whom she herself chose as best adapted to carry on her work. For 5 years past her hedquarters hav been in New York State Library at Albany, which has long been regarded by many as D C's library home, but recent developments in relations of American Library Association, Library of Congress and Decimal Clasification hav resulted in an invitation from L C to D C to make its home henceforth at that Library, where, most appropriately, D C's servis to American libraries, which is the chief factor in its work, wil be coordinated with undertakings previusly instald by the national library, extending stil further the latter's alredy great servises to the libraries of the cuntry at larj.

Future of D C

Mis Seymour had a stedily growing wish to make D C a permanent force for education, by greatly improving its ful, short and outline editions, and by printing cheap special editions (indext) for many prominent divisions; e.g. education, medicin, enjineering, agriculture. As a

memorial to her, all copyryts and control of all editions hav been givn to Lake Placid Club Education Foundation, in establishing which she had been warmly and activly interested, and which was charterd by the University of the State of New York, Jan. 26, 1922, with these objects:

'as an educational institution, to restore to helth and educational efficiency teachers, librarians and other educators of moderate means, who hav becum incapacitated by overwork; to establish, maintain and aid skools, libraries or other educational institutions, specialy at Lake Placid; and to institute, organize or foster other movements to advance public welfare thru education, by means of the Foundation pres, conferences, forums, addresses, gyded reading, and similar ajencies'.

To this Foundation was at once givn all voting stok and surplus of Lake Placid Co. which owns the 10,000 akers and 391 bildings of Lake Placid Club, thus assuring permanent financial support, which has alredy been further increast by gifts and bequests from interested frends. Under Foundation auspices future editions of D C wil be publisht, on absolute condition that entire reciets abuv necesary expenses be uzed forever solely for improving D C and extending its usefulness, thereby preventing posibility that the work shud ever be made a source of either individual or institution profit. A committee on D C, consisting of the most interested Foundation trustees, in consultation with committees of American Library Association and Institut International de Bibliographie, wil insure observance of the abuv condition.

D C has becum an international laborsaver. It therefore justly belongs to its uzers as a whole. All who contribute to the stedy improvement of future editions may kno that they ar helping to make stil more useful a sistem which is so greatly helping stedily increasing thousands scatterd all over the civilized world.

MELVIL DEWEY

LAKE PLACID CLUB N Y
Dec. 10, 1926

Previus editions hav been dated Amherst College Library, June 10, 1876; Columbia College Library, Aug. 10, 1885, and Aug. 30, 1888; New York State Library, Dec. 25, 1890; Lake Placid Club, Ap. 10, 1911, Ap. 10, 1913, Oct. 1, 1915, Aug. 11, 1919, and Aug. 31, 1922.

Summaries

First Summary
The 10 Classes

000 Generalities

100 Philosophy & related disciplines

200 Religion

300 The social sciences

400 Language

500 Pure sciences

600 Technology (Applied sciences)

700 The arts

800 Literature & rhetoric

900 General geography, history, etc.

Second Summary
The 100 Divisions

000	**Generalities**	**500**	**Pure sciences**
010	Bibliographies & catalogs	510	Mathematics
020	Library science	520	Astronomy & allied sciences
030	General encyclopedic works	530	Physics
040		540	Chemistry & allied sciences
050	General periodicals	550	Earth sciences
060	General organizations	560	Paleontology
070	Newspapers & journalism	570	Anthropolog. & biol. sciences
080	General collections	580	Botanical sciences
090	Manuscripts & book rarities	590	Zoological sciences
100	**Philosophy & related**	**600**	**Technology (Applied sci.)**
110	Ontology & methodology	610	Medical sciences
120	Knowledge, cause, purpose, man	620	Engineering & allied operations
130	Pseudo- & parapsychology	630	Agriculture & agric. industries
140	Specific philosophic viewpoints	640	Domestic arts & sciences
150	Psychology	650	Business & related enterprises
160	Logic	660	Chemical technology etc.
170	Ethics (Moral philosophy)	670	Manufactures processible
180	Ancient, med., Oriental philos.	680	Assembled & final products
190	Modern Western philosophy	690	Buildings
200	**Religion**	**700**	**The arts**
210	Natural religion	710	Civic & landscape art
220	Bible	720	Architecture
230	Christian doctrinal theology	730	Sculpture & the plastic arts
240	Christ. moral & devotional theol.	740	Drawing & decorative arts
250	Christ. pastoral, parochial, etc.	750	Painting & paintings
260	Christ. social & eccles. theol.	760	Graphic arts
270	Hist. & geog. of Chr. church	770	Photography & photographs
280	Christ. denominations & sects	780	Music
290	Other religions & compar. rel.	790	Recreation (Recreational arts)
300	**The social sciences**	**800**	**Literature & rhetoric**
310	Statistical method & statistics	810	American literature in English
320	Political science	820	Engl. & Anglo-Saxon literature
330	Economics	830	Germanic languages literature
340	Law	840	French, Provençal, Catalan lit.
350	Public administration	850	Italian, Romanian etc. literature
360	Welfare & association	860	Spanish & Portuguese literature
370	Education	870	Italic languages literature
380	Commerce	880	Classical & Greek literature
390	Customs & folklore	890	Lits. of other languages
400	**Language**	**900**	**General geog. & history etc.**
410	Linguistics & nonverbal lang.	910	General geography
420	English & Anglo-Saxon	920	General biog., geneal., etc.
430	Germanic languages	930	Gen. hist. of ancient world
440	French, Provençal, Catalan	940	Gen. hist. of modern Europe
450	Italian, Romanian, etc.	950	Gen. hist. of modern Asia
460	Spanish & Portuguese	960	Gen. hist. of modern Africa
470	Italic languages	970	Gen. hist. of North America
480	Classical & Greek	980	Gen. hist. of South America
490	Other languages	990	Gen. hist. of rest of world

Third Summary
The 1000 Sections

Generalities

000	**Generalities**	**050**	**General periodicals**
001	Knowledge	051	American
002		052	Other English-language
003		053	Other Germanic languages
004		054	French, Provençal, Catalan
005		055	Italian, Romanian, etc.
006		056	Spanish & Portuguese
007		057	Slavic languages
008		058	Scandinavian languages
009		059	Other languages
010	**Bibliographies & catalogs**	**060**	**General organizations**
011	General bibliographies	061	In North America
012	Of individuals	062	In England & Wales
013	Of specific classes of writers	063	In central Europe
014	Of anonymous & pseudon. works	064	In France
015	Of works from specific places	065	In Italy & adjacent territories
016	Of specific subjects	066	In Iberian Peninsula etc.
017	General subject catalogs	067	In eastern Europe
018	General author catalogs	068	In other countries
019	General dictionary catalogs	069	Museums
020	**Library science**	**070**	**Newspapers & journalism**
021	The library	071	In North America
022	Physical plant of libraries	072	In England & Wales
023	Library personnel & positions	073	In central Europe
024	Regulations for use of libraries	074	In France
025	Library economy	075	In Italy & adjacent territories
026	Special libraries	076	In Iberian Peninsula etc.
027	General libraries	077	In eastern Europe
028	Reading & reading aids	078	In Scandinavia
029	Indexing & documentation	079	In other countries
030	**General encyclopedic works**	**080**	**General collections**
031	American	081	American
032	Other English-language	082	Other English-language
033	Other Germanic languages	083	Other Germanic languages
034	French, Provençal, Catalan	084	French, Provençal, Catalan
035	Italian, Romanian, etc.	085	Italian, Romanian, etc.
036	Spanish & Portuguese	086	Spanish & Portuguese
037	Slavic languages	087	Slavic languages
038	Scandinavian languages	088	Scandinavian languages
039	Other languages	089	Other languages
040		**090**	**Mss. & book rarities**
041		091	Manuscripts
042		092	Block books
043		093	Incunabula
044		094	Notable printing
045		095	Notable binding
046		096	Notable illustrations & materials
047		097	Notable ownership & origin
048		098	Notable content
049		099	Notable format

Philosophy and related disciplines

100 Philosophy & related
101 Theory
102 Miscellany
103 Dictionaries, encyclopedias, etc.
104
105 Serial publications
106 Organizations
107 Study & teaching
108 Collections & anthologies
109 Historical treatment

110 Ontology & methodology
111 Ontology
112 Classification of knowledge
113 Origin of universe
114 Space
115 Time, duration, eternity
116 Motion & change
117 Matter & form
118 Force & energy
119 Number & quantity

120 Other metaphysical topics
121 Epistemology
122 Cause & effect
123 Freedom & necessity
124 Teleology
125 Finite & infinite
126 Consciousness & personality
127 Unconscious & subconscious
128 Man
129 Origin & destiny of soul

130 Pseudo- & parapsychology
131 Pseudopsychology
132
133 Parapsychology & occultism
134
135 Dreams & the mystic traditions
136
137 Personality anal. & improvement
138 Physiognomy
139 Phrenology

140 Specific viewpoints
141 Idealism & related systems
142 Critical philosophy
143 Intuitionism & Bergsonism
144 Humanism & related systems
145 Sensationalism & ideology
146 Naturalism & related systems
147 Pantheism & related systems
148 Liberalism & other systems
149 Other systems & doctrines

150 Psychology
151
152 Physiological & experimental
153 Intelligence & intellect
154 Subconscious states & processes
155 Differential & genetic psychology
156 Comparative psychology
157 Abnormal & clinical psychologies
158 Applied psychology
159 Other aspects

160 Logic
161 Induction
162 Deduction
163
164 Symbolic & mathematical logic
165 Fallacies & sources of error
166 Syllogism
167 Hypothesis
168 Argument & persuasion
169 Analogy

170 Ethics (Moral philosophy)
171 Systems & doctrines
172 Ethics of political relationships
173 Ethics of family relationships
174 Profes. & occupational ethics
175 Ethics of recreation
176 Sexual ethics
177 Ethics of social relations
178 Ethics of temperance etc.
179 Other applications of ethics

180 Anc., med., Oriental
181 Oriental
182 Pre-Socratic
183 Sophistic, Socratic & related
184 Platonic
185 Aristotelian
186 Skeptic & Neoplatonic
187 Epicurean
188 Stoic
189 Medieval Western

190 Modern Western philosophy
191 United States & Canada
192 British Isles
193 Germany & Austria
194 France
195 Italy
196 Spain & Portugal
197 Russia & Finland
198 Scandinavia
199 Other

Religion

200 Religion
201 Philosophy of Christianity
202 Miscellany of Christianity
203 Dictionaries of Christianity
204
205 Serial publs. on Christianity
206 Organizations on Christianity
207 Study of Christianity
208 Collections on Christianity
209 Hist. & geography of Christianity

210 Natural religion
211 Knowledge of God
212 Nature of God
213 Creation
214 Theodicy
215 Science & religion
216 Good & evil
217 Worship & prayer
218 Immortality & eternity
219 Analogy

220 Bible
221 Old Testament
222 Historical books
223 Poetic books
224 Prophetic books
225 New Testament
226 Gospels & Acts
227 Epistles
228 Revelation (Apocalypse)
229 Apocrypha, pseudepigrapha, etc.

230 Christian doctrinal theology
231 God, Trinity, Godhead
232 Jesus Christ & his family
233 Man
234 Salvation (Soteriology)
235 Invisible world
236 Eschatology
237
238 Creeds & confessions of faith
239 Apologetics & polemics

240 Christ. moral & devotional
241 Moral theology
242 Prayers & meditations
243 Evangelistic writings
244
245 Hymns
246 Symbolism etc.
247 Sacred furniture etc.
248 Personal religion
249 Worship in family life

250 Christ. pastoral & parochial
251 Preaching (Homiletics)
252 Sermons
253 Pastor
254 Parish govt. & administration
255 Religious congregations & orders
256
257
258 Parochial welfare work
259 Other parochial activities

260 Chr. social & eccles. theol.
261 Social theology
262 Church govt., org., nature
263 Times of religious observance
264 Public worship
265 Other rites & ceremonies
266 Missions
267 Associations for religious work
268 Religious training & instruction
269 Organized spiritual renewal

270 Hist. & geog. of Chr. church
271 Religious congregations & orders
272 Persecutions
273 Heresies
274 Christian church in Europe
275 Christian church in Asia
276 Christian church in Africa
277 Christian church in No. America
278 Christian church in So. America
279 Christian church elsewhere

280 Christ. denominations & sects
281 Primitive & Oriental churches
282 Roman Catholic Church
283 Anglican churches
284 Protestants of Continental origin
285 Presb., Amer. Ref., Congr. chs.
286 Bapt., Disc. of Christ, Adventists
287 Methodist churches
288 Unitarianism
289 Other denominations & sects

290 Other religions etc.
291 Comparative religion
292 Classical (Gr. & Rom.) religion
293 Germanic religion
294 Brahmanism & related religions
295 Zoroastrianism
296 Judaism
297 Islam & its derivatives
298
299 Other religions

The social sciences

300	**The social sciences**	**350**	**Public administration**
301	Sociology	351	Central governments
302		352	Local units of government
303		353	United States federal & states
304		354	Other central governments
305		355	General military administration
306		356	Foot forces
307		357	Mounted forces
308		358	Armored, technical, air, space
309	Social situation & conditions	359	Sea (Naval) forces
310	**Statistical method & statistics**	**360**	**Welfare & association**
311	Statistical method	361	Organization of social welfare
312	Statistics of populations	362	Welfare services to spec. groups
313		363	Other services
314	General statistics of Europe	364	Criminology
315	General statistics of Asia	365	Penology
316	General statistics of Africa	366	Association
317	Gen. statistics of North America	367	Social clubs
318	Gen. statistics of South America	368	Insurance
319	Gen. statistics of rest of world	369	Other kinds of associations
320	**Political science**	**370**	**Education**
321	Types & forms of states	371	The school
322	Relation of state to org. groups	372	Elementary education
323	Rel. of state to individuals etc.	373	Secondary education
324	Suffrage	374	Adult education
325	International migration	375	Curriculums
326	Slavery & emancipation	376	Education of women
327	International relations	377	Schools & religion
328	Legislation	378	Higher education
329	Practical politics	379	Govt. supervision & support
330	**Economics**	**380**	**Commerce**
331	Labor	381	Internal commerce
332	Lucrative capital	382	International commerce
333	Land (Natural resources)	383	Postal communication
334	Cooperative systems	384	Other systems of communication
335	Collectivist systems & schools	385	Railroad transportation
336	Public finance	386	Inland waterway transportation
337		387	Water, air, space transportation
338	Production	388	Ground transportation
339	Distribution & consumption	389	Metrology & standardization
340	**Law**	**390**	**Customs & folklore**
341	Internat. law (Law of nations)	391	Costume
342	Constitutional law	392	Customs of life cycle
343	Criminal law	393	Death customs
344	Martial law	394	Public & social customs
345	United States statutes & cases	395	Etiquette
346	British statutes & cases	396	
347	Private law & judicial system	397	
348		398	Folklore
349	Statutes & cases not U.S.-Brit.	399	Customs of war

Language

400	**Language**	**450**	**Italian, Romanian, etc.**
401	Philosophy & theory	451	Written & spoken Italian
402	Miscellany	452	Italian etymology
403	Dictionaries, encyclopedias, etc.	453	Italian dictionaries
404		454	
405	Serial publications	455	Italian structural system
406	Organizations	456	Italian prosody
407	Study & teaching	457	Nonstandard Italian
408	Collections & anthologies	458	Standard Italian usage
409	Hist. & geographical treatment	459	Romanian & Rhaeto-Romanic
410	**Linguistics & nonverbal**	**460**	**Spanish & Portuguese**
411	Notations	461	Written & spoken Spanish
412	Etymology	462	Spanish etymology
413	Polyglot dictionaries	463	Spanish dictionaries
414	Phonology	464	
415	Structural systems	465	Spanish structural system
416	Prosody	466	Spanish prosody
417	Dialectology & paleography	467	Nonstandard Spanish
418	Usage (Applied linguistics)	468	Standard Spanish usage
419	Nonverbal language	469	Portuguese
420	**English & Anglo-Saxon**	**470**	**Italic languages**
421	Written & spoken English	471	Written & spoken Latin
422	English etymology	472	Latin etymology
423	English dictionaries	473	Latin dictionaries
424		474	
425	English structural system	475	Latin structural system
426	English prosody	476	Latin prosody
427	Nonstandard English	477	Old, Postclassical, Vulgar Latin
428	Standard English usage	478	Standard Latin usage
429	Anglo-Saxon (Old English)	479	Romance & other Italic langs.
430	**Germanic languages**	**480**	**Classical & Greek**
431	Written & spoken German	481	Written & spoken classical Greek
432	German etymology	482	Classical Greek etymology
433	German dictionaries	483	Classical Greek dictionaries
434		484	
435	German structural system	485	Class. Greek structural system
436	German prosody	486	Classical Greek prosody
437	Nonstandard German	487	Postclassical Greek
438	Standard German usage	488	Standard classical Greek usage
439	Other Germanic languages	489	Other Greek languages
440	**French, Provençal, Catalan**	**490**	**Other languages**
441	Written & spoken French	491	East Indo-European & Celtic
442	French etymology	492	Semitic languages
443	French dictionaries	493	Hamitic & other languages
444		494	Ural-Altaic, Dravidian, etc.
445	French structural system	495	East & Southeast Asian langs.
446	French prosody	496	African languages
447	Nonstandard French	497	North American Indian langs.
448	Standard French usage	498	South American Indian langs.
449	Provençal & Catalan	499	Austronesian & other languages

Pure sciences

500 Pure sciences
501 Philosophy & theory
502 Miscellany
503 Dictionaries, encyclopedias, etc.
504
505 Serial publications
506 Organizations
507 Study & teaching
508 Collections, travels, surveys
509 Hist. & geographical treatment

510 Mathematics
511 Arithmetic
512 Algebra
513 Synthetic geometry
514 Trigonometry
515 Descriptive geometry
516 Analytic (Coordinate) geometry
517 Calculus
518
519 Probabilities & statistical math.

520 Astronomy & allied sci.
521 Theoretical astronomy
522 Practical & spherical astronomy
523 Descriptive astronomy
524
525 Earth (Astronomical geography)
526 Mathematical geography
527 Celestial navigation
528 Ephemerides (Naut. almanacs)
529 Chronology

530 Physics
531 Mechanics
532 Mechanics of fluids
533 Mechanics of gases
534 Sound & related vibrations
535 Visible light etc.
536 Heat
537 Electricity & electronics
538 Magnetism
539 Modern physics

540 Chemistry & allied sciences
541 Physical & theoret. chemistry
542 Laboratories & equipment
543 General analytical chemistry
544 Qualitative analytical chemistry
545 Quantitative analytical chemistry
546 Inorganic chemistry
547 Organic chemistry
548 Crystallography
549 Mineralogy

550 Earth sciences
551 Physical & dynamic geology
552 Petrology
553 Economic geology
554 Geology of Europe
555 Geology of Asia
556 Geology of Africa
557 Geology of North America
558 Geology of South America
559 Geology of other parts of world

560 Paleontology
561 Paleobotany
562 Invertebrate paleozoology
563 Protozoa, Parazoa, Metazoa
564 Mollusca & molluscoidea
565 Other invertebrates
566 Vertebrate paleozoology
567 Anamnia (Fishes etc.)
568 Sauropsida (Reptiles & birds)
569 Mammalia (Mammals)

570 Anthropol. & biological sci.
571
572 Human races (Ethnology)
573 Somatology (Phys. anthropol.)
574 Biology
575 Organic evolution
576 Microbiology
577 Gen. properties of living matter
578 Microscopes & microscopy
579 Coll. & preservation of specimens

580 Botanical sciences
581 Botany
582 Spermatophyta
583 Dicotyledones
584 Monocotyledones
585 Gymnospermae
586 Cryptogamia
587 Pteridophyta
588 Bryophyta
589 Thallophyta

590 Zoological sciences
591 Zoology
592 Invertebrates
593 Protozoa, Parazoa, Metazoa
594 Mollusca & molluscoidea
595 Other invertebrates
596 Chordata (Vertebrates)
597 Anamnia (Fishes etc.)
598 Reptiles & birds
599 Mammalia (Mammals)

Technology (Applied sciences)

600 Technology (Applied sci.)
601 Philosophy & theory
602 Miscellany
603 Dictionaries, encyclopedias, etc.
604
605 Serial publications
606 Organizations
607 Study & teaching
608 Collections, patents, etc.
609 Hist. & geographical treatment

610 Medical sciences
611 Human anatomy
612 Human physiology
613 General & personal hygiene
614 Public health
615 Therapeutics & pharmacology
616 Medicine
617 Surgery
618 Other specialized medicine
619 Compar. & experim. medicine

620 Engineering & allied
621 Applied physics
622 Mining engineering & operations
623 Military & naval engineering
624 Civil engineering
625 Railroads & highways
626
627 Hydraulic engineering etc.
628 Sanitary & municipal engineering
629 Other branches

630 Agriculture & agr. indus.
631 Farming
632 Plant pathology & its control
633 Field crops
634 Orchards, small fruit, forestry
635 Garden crops (Horticulture)
636 Livestock & domestic animals
637 Dairy & related industries
638 Insect culture
639 Nondomesticated animals

640 Domestic arts & sciences
641 Food & drink
642 Food & meal service
643 The home & its equipment
644 Household utilities
645 Household furnishings
646 Clothing & care of body
647 Housekeeping
648 Household sanitation
649 Child rearing & home nursing

650 Business & related
651 Office services
652 Writing
653 Shorthand
654
655 Printing & related activities
656
657 Accounting
658 Management
659 Other activities & techniques

660 Chemical technology etc.
661 Industrial chemicals
662 Explosives, fuels, etc.
663 Drinks, stimulants, etc.
664 Food technology
665 Industrial oils, fats, gases
666 Ceramic & allied industries
667 Cleaning, color & related
668 Other organic products
669 Metallurgy

670 Manufactures processible
671 Metal manufactures
672 Ferrous metals manufactures
673 Nonferrous metals manufactures
674 Lumber, cork, wood-using indus.
675 Leather & fur industries
676 Pulp & paper industries
677 Textiles
678 Elastomers & their products
679 Other products

680 Assembled etc. products
681 Precision mechanisms etc.
682 Small forge work
683 Hardware
684 Furnishings & wheeled supports
685 Leather goods & substitutes
686
687 Clothing
688 Other final products
689

690 Buildings
691 Materials
692 Construction practices
693 Systems of construction
694 Wood construction
695 Roofing & auxiliary structures
696 Plumbing, heating, ventilating
697 Heating, ventilating, etc.
698 Detail finishing
699

The arts

700 The arts
701 Philosophy & theory
702 Miscellany
703 Dictionaries, encyclopedias, etc.
704 Collections, iconography, etc.
705 Serial publications
706 Organizations
707 Study & teaching
708 Galleries, museums, etc.
709 Hist. & geographical treatment

710 Civic & landscape art
711 Area planning (Civic art)
712 Landscape design
713 Landscape design of trafficways
714 Water in landscape design
715 Woody plants in landscape design
716 Herbaceous plants in design
717 Structures in landscape design
718 Landscape design of cemeteries
719 Natural landscapes

720 Architecture
721 Architectural construction
722 Ancient period
723 Medieval period
724 Modern period
725 Public structures
726 Buildings for religious purposes
727 Bldgs. for educational purposes
728 Residential buildings
729 Design & decoration

730 Sculpture & plastic arts
731 Processes etc. of sculpture
732 Ancient nonclassical sculpture
733 Ancient classical sculpture
734 Medieval sculpture
735 Modern sculpture
736 Carving & carvings
737 Numismatics
738 Ceramic arts
739 Art metalwork

740 Drawing & decorative arts
741 Freehand drawing & drawings
742 Perspective
743 Freehand drawing by subject
744 Technical drawing
745 Design & crafts
746 Textile handicrafts
747 Interior decoration
748 Glass
749 Furniture & accessories

750 Painting & paintings
751 Processes & forms
752 Color theory & practice
753 Abstractions, mythology, etc.
754 Subjects of everyday life
755 Religion & religious symbolism
756 Historical events
757 Human figures & their parts
758 Other subjects
759 Hist. & geographical treatment

760 Graphic arts
761 Relief processes for prints
762
763 Lithographic processes
764 Chromolithography & serigraphy
765 Metal intaglio processes
766 Mezzotinting etc. processes
767 Etching & drypoint processes
768
769 Prints

770 Photography & photographs
771 Equipment, supplies, chemistry
772 Metallic salt processes
773 Pigment processes of printing
774
775
776
777
778 Specific fields of photography
779 Collections of photographs

780 Music
781 General principles & techniques
782 Dramatic music
783 Sacred music
784 Voice & vocal music
785 Instrumental ensembles & music
786 Keyboard instruments & music
787 String instruments & music
788 Wind instruments & their music
789 Percussion, mechan., electr. inst.

790 Recreation (Recr. arts)
791 Public entertainment
792 Theater (Stage presentations)
793 Indoor games & amusements
794 Indoor games of skill
795 Games of chance
796 Athletic & outdoor sports
797 Aquatic & air sports
798 Equestrian & animal sports
799 Fishing, hunting, shooting

Literature (Belles-lettres) and rhetoric

800 Literature & rhetoric
801 Philosophy & theory of literature
802 Miscellany about literature
803 Dictionaries etc. of literature
804
805 Serials of & about literature
806 Organizations on literature
807 Study & teaching of literature
808 Rhetoric & collections of lit.
809 History & criticism of literature

810 American lit. in English
811 Poetry
812 Drama
813 Fiction
814 Essays
815 Speeches
816 Letters
817 Satire & humor
818 Miscellany
819

820 English & Anglo-Saxon lit.
821 English poetry
822 English drama
823 English fiction
824 English essays
825 English speeches
826 English letters
827 English satire & humor
828 English miscellany
829 Anglo-Saxon (Old English)

830 Germanic languages lit.
831 German poetry
832 German drama
833 German fiction
834 German essays
835 German speeches
836 German letters
837 German satire & humor
838 German miscellany
839 Other Germanic languages

840 French etc. literature
841 French poetry
842 French drama
843 French fiction
844 French essays
845 French speeches
846 French letters
847 French satire & humor
848 French miscellany
849 Provençal & Catalan

850 Italian etc. literature
851 Italian poetry
852 Italian drama
853 Italian fiction
854 Italian essays
855 Italian speeches
856 Italian letters
857 Italian satire & humor
858 Italian miscellany
859 Romanian & Rhaeto-Romanic

860 Spanish & Portuguese lit.
861 Spanish poetry
862 Spanish drama
863 Spanish fiction
864 Spanish essays
865 Spanish speeches
866 Spanish letters
867 Spanish satire & humor
868 Spanish miscellany
869 Portuguese

870 Italic languages literature
871 Latin poetry
872 Latin dramatic poetry & drama
873 Latin epic poetry & fiction
874 Latin lyric poetry
875 Latin speeches
876 Latin letters
877 Latin satire & humor
878 Latin miscellany
879 Other Italic languages

880 Classical, modern Greek lit.
881 Classical Greek poetry
882 Classical dramatic poetry
883 Classical epic poetry & fiction
884 Classical Greek lyric poetry
885 Classical Greek speeches
886 Classical Greek letters
887 Classical Greek satire & humor
888 Classical Greek miscellany
889 Modern Greek

890 Lits. of other languages
891 East Indo-European & Celtic
892 Semitic languages
893 Hamitic & other languages
894 Ural-Altaic, Dravidian, etc.
895 East & Southeast Asian langs.
896 African languages
897 North American Indian langs.
898 South American Indian langs.
899 Austronesian & other languages

General geography and history and related disciplines

900	**Gen. geog. & history etc.**	**950**	**Gen. hist. of modern Asia**
901	Philos. & theory of gen. hist.	951	China & adjacent areas
902	Miscellany of general history	952	Japan & adjacent islands
903	Dictionaries etc. of gen. hist.	953	Arabian Peninsula & adj. areas
904	Collected accounts of events	954	South Asia
905	Serial publications of gen. hist.	955	Iran (Persia)
906	Organizations on gen. hist.	956	Middle East
907	Study & teaching of gen. hist.	957	Siberia (Asiatic Russia)
908	Collections of general history	958	Central Asia
909	World history	959	Southeast Asia
910	**General geography**	**960**	**Gen. hist. of modern Africa**
911	Historical geography	961	North Africa
912	Atlases, maps, charts, etc.	962	Egypt & Sudan
913	Geography of ancient world	963	Ethiopia
914	Geography of modern Europe	964	Northwest coast & offshore isls.
915	Geography of modern Asia	965	Algeria
916	Geography of modern Africa	966	West Africa & offshore islands
917	Geography of North America	967	Central Africa & offshore islands
918	Geography of South America	968	South Africa
919	Geography of rest of world	969	South Indian Ocean islands
920	**Gen. biography, geneal., etc.**	**970**	**Gen. hist. of North America**
921		971	Canada
922		972	Middle America
923		973	United States
924		974	Northeastern states of U.S.
925		975	Southeastern states of U.S.
926		976	South central states of U.S.
927		977	North central states of U.S.
928		978	Western states of U.S.
929	Genealogy, names, insignia	979	Great Basin & Pacific Slope
930	**Gen. hist. of ancient world**	**980**	**Gen. hist. of South America**
931	China	981	Brazil
932	Egypt	982	Argentina
933	Palestine	983	Chile
934	India	984	Bolivia
935	Mesopotamia & Iranian Plateau	985	Peru
936	Northern & western Europe	986	Northwestern South America
937	Italian peninsula & adjacent	987	Venezuela
938	Greece	988	Guiana
939	Other parts of ancient world	989	Other parts of South America
940	**Gen. hist. of modern Europe**	**990**	**Gen. hist. of rest of world**
941	Scotland & Ireland	991	Malay Archipelago
942	British Isles	992	Sunda Islands
943	Central Europe	993	New Zealand & Melanesia
944	France	994	Australia
945	Italy & adjacent territories	995	New Guinea (Papua)
946	Iberian Peninsula & adjacent isls.	996	Other parts of Pacific
947	Eastern Europe	997	Atlantic Ocean islands
948	Scandinavia	998	Arctic islands
949	Other parts of Europe	999	Antarctica

General Tables

Use of the General Tables

Full instructions on use appear in the Editor's Introduction, section 3.

A number in square brackets is not in force or is no longer in force with the meaning indicated.

000

000 Generalities

001 Knowledge

.09 Historical and geographical treatment

Scope: spread of knowledge

SUMMARY

001.2	Intellectual life (Scholarship and learning)
.3	Humanities
.4	Research
.5	Communication
.9	Controversial and spurious knowledge

.2 **Intellectual life (Scholarship and learning)**

.3 **Humanities**

.4 **Research [*formerly* 007]**

[.401 8] Methodology

Do not use; class in **001.42**

.42 Methodology

Scope: surveys and appraisals

.422 Statistical method

.424 Operations research

Experimental models, design, programing

.425 Empirical tests and testing

.426 Case studies

.429 Collecting and collections

.44 Incentives

Endowment [*formerly* 378.32], prizes, awards, scholarships, fellowships, medals, certificates, honors

001.5 **Communication [*formerly* 384]**
.501 Philosophy and theory
Class theories in **001.51**

.51 Theories [*formerly* 006]

.53 Cybernetics [*formerly* 006]
.532 Prototypes (Bionics)
.533 Self-organizing systems
.534 Perception theory
.535 Artificial intelligence
.539 Information theory
.539 2 Recall
.539 3 Uncertainty
.539 4 Relevance and irrelevance

.55 Communication thru records
.552 Printed and written mediums (The book [*formerly* 002])
.552 2 Conventional size
.552 3 Microreproductions [*formerly* 099]

.553 Other visual mediums
.553 2 Motion-picture films
.553 3 Filmstrips
.553 4 Slides
.553 5 Unprojected illustrations

.554 Audio mediums
.554 2 Mechanical
.554 3 Magnetic
.554 4 Electronic

.555 Other

001.9 **Controversial and spurious knowledge**
.92 Controversies
.93 Curiosities
.94 Mysteries
.95 Deceptions and hoaxes
.96 Errors, delusions, superstitions

[002] The book
Class generalities in **001.552**, bookmaking and book arts in **655**

003

004

005

[006] Communication theories and cybernetics
Class communication theories in **001.51**, cybernetics in **001.53**

[007] Research
Class in **001.4**

008

009

010 Bibliographies and catalogs

Of books, other printed and written mediums, nonmusical recordings, information films and slides

Class book collecting in **020.75**, documentation in **029.7** [*both formerly* **010**]

For bibliographies and catalogs of books for children and young adults, see **028.52**

.28 Preparation

011 General bibliographies

Lists of works not limited to a specific kind of coverage or place of publication

Including general classified bibliographies [*formerly* **016**]

.02 Reference works

► 012–016 Special bibliographies and catalogs

012 Of individuals

Works by or about persons not clearly associated with a specific subject

013 Of specific classes of writers

Works whose authors have common characteristics

Divide like **920.1–928.9**, e.g., bibliographies and catalogs of writings of librarians **013.02**

For bibliographies and catalogs of individuals, see **012**

.9 Residents of specific continents, countries, localities

Add area notations **3–9** to **013.9**

014 Of anonymous and pseudonymous works

Divide like **031–039**, e.g., bibliographies of anonymous and pseudonymous works in French **014.41**

015 Of works from specific places

Works issued or printed in specific continents, countries, localities, or by specific firms

Scope: national bibliographies

Add area notations **3–9** to **015**

016 Of specific subjects

If preferred, class in standard subdivision **016**

Use **016.000 1 – 016.000 9** for standard subdivisions

Divide like **001–999**, e.g., bibliographies of mathematics **016.51**, of newspapers in England **016.072**

Class general classified bibliographies [*formerly* **016**] in **011**

For bibliographies and catalogs of music scores and parts, see **781.97**

► 017–019 General catalogs

Lists of works held in a specific collection or group of collections and not limited to a specific kind of coverage or place of publication

017 Subject catalogs

► 017.1–017.4 Classified

.1 Catalogs of non-private libraries

.2 Catalogs of private and family libraries

.3 Auction catalogs

.4 Booksellers' catalogs

For auction catalogs, see **017.3**

► 017.5–017.8 Alphabetically arranged [*formerly* **019**]

.5 Catalogs of non-private libraries

.6 Catalogs of private and family libraries

.7 Auction catalogs

.8 Booksellers' catalogs

For auction catalogs, see **017.7**

018 Author catalogs

Divide like **017.1–017.4**, e.g., catalogs of private and family libraries **018.2**

019 Dictionary catalogs

Divide like **017.1–017.4**, e.g., auction catalogs **019.3**

Class alphabetically arranged subject catalogs [*formerly* **019**] in **017.5–017.8**

020 Library science

The knowledge and skill by which printed and written records are recognized, collected, organized, utilized

For bibliographies and catalogs, see 010

.6 **Organizations**

Class friends-of-the-library organizations [*formerly* 020.6] in 021.7

.62 Permanent nongovernment organizations

.621 International

.622 National

Add area notations 3–9 to 020.622

.623 Regional, state, provincial

.623 2 Regional

Add area notations 3–9 to 020.623 2

.623 4 State and provincial

Add area notations 3–9 to 020.623 4

.624 Local

Add area notations 3–9 to 020.624

.7 **Study and teaching**

.71 Institutions offering instruction in library science

.711 Library schools

[.713] In-service training

Class in 023.5

.715 Institutes and workshops

.75 Book collecting [*formerly* 010]

021 The library

Use 021.001–021.008 for standard subdivisions

.009 Historical and geographical treatment

Class specific libraries and kinds of libraries in 026–027

► **021.1–021.8 Establishment and purpose of libraries**

021.1 **Libraries as storage centers**

.2 **Libraries as educational force**

.3 **Libraries in relation to other educational institutions**

.4 **Libraries as social force**

.6 **Library extension and cooperation**

.62 Extension units

Class branches [*formerly* 021.62] in 027.4

.63 Centralization of systems

.64 Cooperation

Including union catalogs, bibliographical centers [*both formerly* 025.35]

For cooperation in a specific activity, see the activity, e.g. cooperative cataloging 025.35

[.65] Bookmobiles

Class in 027.4

.7 **Promotion of libraries**

Including friends-of-the-library organizations [*formerly* 020.6]

For friends of specific libraries, see 026–027

.8 **Libraries and the state**

.82 Library commissions

Including governing boards [*formerly* 023.3]

.83 Monetary aid and subsidies

.84 Gifts of books and copyright deposits

.85 Official exchange of publications

Class United States Book Exchange [*formerly* 021.85] in 025.26

.88 Political pressures

[.89] Library laws

Class in 340

022 Physical plant of libraries

Scope: school libraries [*formerly also* 371.622]

For maintenance of physical plant, see 025.9

.1 Location and site

[.2] Building materials and insurance

Class building materials in 022.3, insurance in 368

.3 Planning for buildings

Requirements based on function

Including building materials [*formerly also* 022.2]

Class library architecture [*formerly* 022.3] in 727.8

[.309] Historical and geographical treatment

Do not use; class in 022.33

.31 By kinds of libraries

Divide like 027, e.g., planning of college libraries 022.317

For geographical treatment, see 022.33

.33 Historical and geographical treatment

Add area notations 1–9 to 022.33

.4 Stacks and shelving

.5 Reading rooms

For reading rooms for special materials, see 022.6

.6 Administrative and special rooms

Including reading rooms for special materials

.7 Lighting

.8 Heating, ventilation, air conditioning

.9 Furniture and equipment

For stacks and shelving, see 022.4

023 Library personnel and positions

[.3] Governing boards

Class in 021.82

► **023.4–023.5 Personnel**

For titles and job descriptions, see 023.7

023.4 Administrative

.5 Staff

Qualifications and organization

Including in-service training [*formerly* 020.713]

[.502 02] Staff manuals, rules, codes

Do not use; class in 023.9

.7 Titles and job descriptions

Use 023.700 1 – 023.700 9 for standard subdivisions

[.8] Classification, pay, retirement plans

Class pension and retirement plans in 658.325, classification and pay plans in 658.322 2

.9 Staff manuals, rules, codes

024 Regulations for use of libraries

.6 Interlibrary loans

025 Library economy

Practical application of library science to the founding, organizing, administration of libraries

Use 025.001–025.009 for standard subdivisions

For indexing and documentation, see 029

.02 Technical processes

SUMMARY

025.1	Administration
.2	Acquisitions
.3	Cataloging
.4	Classification
.5	Services to patrons
.6	Circulation services
.7	Binding and repair services
.8	Maintenance and preservation of collections
.9	Maintenance of physical plant

025.1 Administration

.11 Finance

Class accounting [*formerly* 025.11] in 657.834

.12 Printing and publishing

.129 Duplication processes

.17 Treatment of special materials

Arrangement, care, use

For a special kind of treatment, see the kind, e.g., cataloging of special materials 025.34

.171 Manuscripts, archival materials, rarities

.172 Vertical file [*formerly also* 029.3]

Including clippings [*formerly* 025.175]

.173 Serials, documents, report literature

[.175] Clippings

Class in 025.172

.176 Maps, atlases, globes

.177 Audio-visual materials

For recordings, see 025.178; *maps, atlases, globes,* 025.176; *realia,* 025.179

.177 1 Art materials

Pictures and prints

.177 3 Films and slides

.178 Recordings and music scores

.179 Other special materials

Including microreproductions, realia

.179 2 Books in raised characters

Braille and others

025.2 Acquisitions

Selecting and acquiring books, periodicals, other materials by purchase, exchange, gift

.21 Book selection

Principles and theory

.23 Order work

.25 Physical preparation for shelves

.26 Exchange and gift work

Including United States Book Exchange [*formerly* 021.85]

.3 Cataloging

.32 Descriptive cataloging

.33 Subject cataloging

Use 025.330 001 – 025.330 009 for standard subdivisions

For classification, see 025.4

.330 01–.339 99 Subject headings

Divide like 001–999, e.g., subject headings in science 025.335

.34 Cataloging of special materials

Divide like 025.17, e.g., cataloging of maps 025.346

.35 Cooperative cataloging

Class union catalogs, bibliographical centers [*both formerly* 025.35] in 021.64

.37 Filing

.4 Classification

Principles, systems, notations

.43 General classification schedules

.46 Classification of special subjects

Use 025.460 001 – 025.460 009 for standard subdivisions

Divide like 001–999, e.g., classification of music 025.467 8

025.5 **Services to patrons**

For a specific service, see the subject, e.g., circulation services **025.6**; *reference and reader advisory services to special groups,* **027.6**

.52 Reference services

Class reference and research libraries [*formerly* **025.52**] in **027.424**

For use of books as sources of information, see **028.7**

.54 Reader advisory services [*formerly also* 028.8]

For books as sources of recreation and self-development, see **028.8**

.542 To individuals

.544 To groups

.6 **Circulation services**

Lending materials, keeping records of loans

For regulations for interlibrary loans, see **024.6**

.7 **Binding and repair services**

.8 **Maintenance and preservation of collections**

.81 Arrangement

.82 Inventory

.84 Preservation

For binding and repair, see **025.7**

.9 **Maintenance of physical plant**

► 026–027 Specific kinds of libraries

Scope: specific libraries, friends of specific libraries

Class a specific library activity or service with the subject

026 Special libraries

Use **026.000 1 – 026.000 9** for standard subdivisions

For libraries for special groups and specific organizations, see **027.6**

.001–.999 Libraries devoted to specific subjects

Divide like **001–999**, e.g., medical libraries **026.61**

027 General libraries

Use **027.001–027.008** for standard subdivisions

.009 Historical treatment

Class geographical treatment in **027.01–027.09**

.01–.09 Geographical treatment

Add area notations **1–9** to **027.0**, e.g., general libraries in France **027.044**

► 027.1–027.5 By form of ownership

For libraries for special groups and specific organizations, see **027.6**; *libraries devoted to specific subjects,* **026.001–026.999**

.1 **Private and family libraries**

Add area notations **1–9** to **027.1**

.2 **Proprietary libraries**

Semiprivate libraries requiring subscription or membership fees for general use

Add area notations **1–9** to **027.2**

.3 **Rental libraries**

Libraries whose materials are available for use on commercial basis

Add area notations **1–9** to **027.3**

.4 **Public libraries**

Institutions that serve free all residents of a community, district, or region, usually receiving their financial support, in whole or in part, from public funds

Including bookmobiles [*formerly* **021.65**], branches [*formerly* **021.62**]

.409 Historical and geographical treatment

Class treatment by continent, country, locality in **027.43–027.49**

.42 Specific kinds of public libraries

For treatment by continent, country, locality, see **027.43–027.49**

027.422 County and regional libraries

.424 Reference and research libraries [*formerly* 025.52]

.43–.49 Treatment by continent, country, locality

Add area notations 3–9 to 027.4

.5 Government libraries

National, state, provincial

.509 Historical and geographical treatment

Class specific institutions in 027.53–027.59

.53–.59 Specific institutions

Add area notations 3–9 to 027.5

Class United Nations Library [*formerly* 027.574 71] in 027.68

.6 Libraries for special groups and specific organizations

Scope: reference and reader advisory services to special groups

For libraries for educational institutions, see 027.7–027.8; *libraries devoted to specific subjects,* 026.001–026.999

.62 Libraries for specific age groups

.622 For old-age groups

.625 For children

.625 1 Storytelling

.626 For young adults

.63 Libraries for minority groups

.65 Government libraries for special groups

.66 Welfare institution libraries

.662 Hospital libraries

Comprehensive works on patient and medical libraries

Class medical libraries in 026.61

.663 Libraries for the blind

.665 Prison libraries

.67 Religious organization libraries

027.68 Non-profit organization libraries

Including libraries of learned societies [*formerly* 027.7], United Nations Library [*formerly* 027.574 71]

.69 Business and industrial libraries

► **027.7–027.8 Libraries for educational institutions**

For libraries devoted to specific subjects, see 026.001–026.999

.7 College and university libraries

Class libraries of learned societies [*formerly* 027.7] in 027.68

.709 Historical and geographical treatment

Class specific institutions in 027.73–027.79

.73–.79 Specific institutions

Add area notations 3–9 to 027.7

.8 School libraries

.809 Historical and geographical treatment

Class specific libraries in 027.823–027.829

.82 By level and by place

For libraries in church-supported schools, see 027.83

.822 Types by level

For specific libraries, see 027.823–027.829; *college and university libraries,* 027.7

.822 2 Elementary

.822 3 Secondary

.823–.829 Specific libraries

Add area notations 3–9 to 027.82

.83 Libraries in church-supported schools

Libraries in schools conducted by religious groups, usually without tax support

028 Reading and reading aids

.074 Exhibits and displays

.1 Book reviews

Class technique of book reviewing in **808.066 028 1**, critical appraisal of literature in **809**

.5 Reading of children and young adults

.52 Bibliographies and catalogs

.7 Use of books and libraries as sources of information

.8 Use of books as sources of recreation and self-development

Class reader advisory services [*formerly* **028.8**] in **025.54**

.9 Reading interests and habits

029 Indexing and documentation

Former heading: Literary methods and labor savers

[.1] Study techniques

Class in **371.302 81**

[.3] Clippings and files

Class vertical file in libraries in **025.172**, filing systems in office services in **651.53**

.5 Indexing

[.6] Authorship and editorial techniques

Class in **808.02**

.7 Documentation [*formerly* 010]

Assembling, coding, disseminating recorded knowledge as an integral procedure to achieve maximum accessibility and usability, utilizing semantics, psychological aids, techniques of reproduction

Including information storage and retrieval

030 General encyclopedic works

Divide by language in which originally written as below; but, if it is desired to give local emphasis and a shorter number to encyclopedias of a specific language, place them first by use of a letter or other symbol, e.g., Arabic-language encyclopedias **03A** (preceding **031**)

► 031–032 English-language

031 American

English-language encyclopedias originating in Western Hemisphere and Hawaii

.02 Books of miscellaneous facts

032 Other English-language

Encyclopedias originating outside Western Hemisphere and Hawaii

.02 Books of miscellaneous facts

033 Other Germanic languages

.1 German

.9 Other

Class Scandinavian-language encyclopedias in **038**

.92 Frisian

.93 Dutch, Flemish, Afrikaans

.931 Dutch

.932 Flemish

.936 Afrikaans

.94 Low German

034 French, Provençal, Catalan

.1 French

.9 Provençal and Catalan

.91 Provençal

.99 Catalan

035 **Italian, Romanian, Rhaeto-Romanic**

.1 **Italian**

.9 **Romanian and Rhaeto-Romanic**

.91 Romanian

.99 Rhaeto-Romanic

036 **Spanish and Portuguese**

.1 **Spanish**

.9 **Portuguese**

037 **Slavic languages**

.1 **Russian**

.8 **Other**

For Ukrainian- and Belorussian-language encyclopedias, see **037.9**

.81 Bulgarian and Macedonian

.811 Bulgarian

.819 Macedonian

.82–.89 Other

Divide like **491.82–491.89**, e.g., Polish-language encyclopedias **037.85**

.9 **Ukrainian and Belorussian**

.91 Ukrainian

.99 Belorussian

038 **Scandinavian languages**

.6 **West Scandinavian**

.61 Old Norse (Old Icelandic)

.69 Modern Icelandic and Faeroese

.691 Modern Icelandic

.699 Faeroese

.7–.8 **East Scandinavian**

Divide like **439.7–439.8**, e.g., Swedish-language encyclopedias **038.7**

039 **Other languages**

Divide like **420–490**, e.g., Japanese-language encyclopedias **039.956**

[040] General collected essays, addresses, lectures

Class in **080**

041

042

043

044

045

046

047

048

049

050 General periodicals and their indexes

Divide by language as below; but, if it is desired to give local emphasis and a shorter number to periodicals of a specific language, place them first by use of a letter, e.g., Hindi-language periodicals **05H** (preceding **051**)

If preferred, arrange periodicals alphabetically under **050**, using **A1** for comprehensive works about them and **Z9** for general indexes to them

► 051–052 English-language

051 American

English-language periodicals of Western Hemisphere and Hawaii

052 Other English-language

Periodicals outside Western Hemisphere and Hawaii

053 Other Germanic languages

Divide like **033**, e.g., German-language periodicals **053.1**

Class Scandinavian-language periodicals and their indexes in **058**

054 French, Provençal, Catalan

Divide like **034**, e.g., Catalan-language periodicals **054.99**

055 Italian, Romanian, Rhaeto-Romanic

Divide like **035**, e.g., Romanian-language periodicals **055.91**

056 Spanish and Portuguese

Divide like **036**, e.g., Spanish-language periodicals **056.1**

057 Slavic languages

Divide like **037**, e.g., Polish-language periodicals **057.85**

058 Scandinavian languages

Divide like **038**, e.g., Swedish-language periodicals **058.7**

059 Other languages

Divide like **420–490**, e.g., Japanese-language periodicals **059.956**

060 General organizations

Societies, academies, foundations, associations, conferences, congresses whose activity is not limited to a specific field

Scope: comprehensive works on organizations

Including general international organizations [*formerly also* **341.11**]

Class organizations having a specific purpose, field or subject with the subject

Divide geographically as below; but, if it is desired to give local emphasis and a shorter number to organizations in a specific country, place them first by use of a letter or other symbol, e.g., organizations in Pakistan **06P** (preceding **061**)

061 In North America

Class organizations in Middle America in **068.72**

.1 Canada

Divide like area notation **71**, e.g., general organizations in British Columbia **061.11**

.3–.9 United States

Divide like area notations **73–79**, e.g., organizations in Ohio **061.71**

Class organizations in Hawaii in **068.969**

062 In England and Wales

Divide like area notation **42**, e.g., organizations in London **062.1**

Class organizations in Scotland and Ireland in **068.41**

063 In central Europe

Divide like area notation **43**, e.g., organizations in Poland **063.8**

064 In France

Divide like area notation **44**, e.g., organizations in Lyons **064.582**

065 In Italy and adjacent territories

Divide like area notation **45**, e.g., organizations in Rome **065.632**

066 In Iberian Peninsula and adjacent islands

Divide like area notation **46**, e.g., organizations in Portugal **066.9**

067 In eastern Europe

Divide like area notation **47**, e.g., organizations in Ukraine **067.71**

068 In other countries

Add area notations **3–9** to **068**

069 Museums

Class museums specializing in a specific subject in standard subdivision **074**

.09 Historical and geographical treatment

Class specific museum buildings [*formerly* **069.09**] in **069.2**

.1 **Educational functions**

.2 **Buildings and service facilities**

Including specific museum buildings [*formerly* **069.09**], school museums [*formerly also* **371.622**]

.3 **Equipment and furnishings**

.4 **Collecting and preparing specimens**

.5 **Collections and exhibits**

.51 Acquisition and disposal

.52 Registration and recording

.53 Exhibit methods and techniques

.54 Thefts and forgeries

[.6] **Office methods and accounting**

Class office methods in **651.9**, accounting in **657.834**

.7 **Printing and publishing**

070 Newspapers and journalism

Use **070.01–070.08** for standard subdivisions

► **070.1–070.4 Journalism**

Collecting, writing, editing information and opinion of current interests for presentation in newspapers, periodicals, newsreels, radio, television

Class journals on a specific subject with the subject, general periodicals in **050**, general newspapers in **071–079**

.1 **The press**

Dissemination of news and opinion thru publication and broadcasting

.11 Responsibility to the public

[.13] Press law

Class in **340**

[.3] **Business management of newspapers and periodicals**

Class in **658**

.4 **Editorial management and journalistic techniques**

.41 Journalistic editing

.43 News and news sources

Class news and editorial writing [*both formerly* **070.43**] in **808.066**

.44 Features and special topics

.48 Journalism for special groups

For school journalism, see **371.897**

.482 Religious groups

.484 Foreign-language groups

Journalism in languages foreign to the country where disseminated

.486 Occupational and employee groups

.9 **Historical and geographical treatment of newspapers and journalism**

Class treatment by country and locality in **071–079**

► **071–079 Treatment of newspapers and journalism by country and locality**

Scope: specific general newspapers and works about them

Divide geographically as below; but, if it is desired to give local emphasis and a shorter number to newspapers and journalism of a specific country, place them first by use of a letter, e.g., newspapers and journalism in Nigeria **07N** (preceding **071**)

If preferred, arrange newspapers alphabetically under **070**, using **A1** for comprehensive works about them

071 In North America

Class newspapers and journalism in Middle America in **079.72**

.1 In Canada

Divide like area notation **71**, e.g., newspapers and journalism in British Columbia **071.11**

.3–.9 In United States

Divide like area notations **73–79**, e.g., New York Times **071.471**

Class newspapers and journalism in Hawaii in **079.969**

072 In England and Wales

Divide like area notation **42**, e.g., Times of London **072.1**

Class newspapers and journalism in Scotland and Ireland in **079.41**

073 In central Europe

Divide like area notation **43**, e.g., newspapers and journalism in Austria **073.6**

074 In France

Divide like area notation **44**, e.g., newspapers and journalism in Lyons **074.582**

075 In Italy and adjacent territories

Divide like area notation **45**, e.g., newspapers and journalism in Rome **075.632**

076 In Iberian Peninsula and adjacent islands

Divide like area notation **46**, e.g., newspapers and journalism in Portugal **076.9**

077 In eastern Europe

Divide like area notation **47**, e.g., newspapers and journalism in Ukraine **077.71**

078 In Scandinavia

Divide like area notation **48**, e.g., newspapers and journalism in Sweden **078.5**

079 In other countries

Add area notations **3–9** to **079**

080 General collections and anthologies

Scope: general collected essays, addresses, lectures [*all formerly* **040**], quotations

Divide by language as below; but, if it is desired to give local emphasis and a shorter number to collections and anthologies in a specific language, place them first by use of a letter, e.g., collections and anthologies in Urdu **08U** (preceding **081**)

If preferred, arrange collections and anthologies alphabetically under **080**

► **081–082 English-language**

081 American [*formerly also* 082]

English-language collections and anthologies of Western Hemisphere and Hawaii

Class other English-language collections and anthologies in **082**, collections and anthologies in other languages in **083–089** [*both formerly* **081**]

082 Other English-language [*formerly also* 081]

Collections and anthologies outside Western Hemisphere and Hawaii

Class American collections and anthologies in **081**, collections and anthologies in other languages in **083–089** [*both formerly* **082**]

► 083–089 Other languages [*formerly* 081–082]

083 **Other Germanic languages**

Divide like 033, e.g., German-language collections and anthologies 083.1

Class Scandinavian-language collections and anthologies in 088

084 **French, Provençal, Catalan**

Divide like 034, e.g., Catalan-language collections and anthologies 084.99

085 **Italian, Romanian, Rhaeto-Romanic**

Divide like 035, e.g., Romanian-language collections and anthologies 085.91

086 **Spanish and Portuguese**

Divide like 036, e.g., Spanish-language collections and anthologies 086.1

087 **Slavic languages**

Divide like 037, e.g., Polish-language collections and anthologies 087.85

088 **Scandinavian languages**

Divide like 038, e.g., Swedish-language collections and anthologies 088.7

089 **Other languages**

Divide like 420–490, e.g., Japanese-language collections and anthologies 089.956

090 **Manuscripts and book rarities**

Description and history

091 **Manuscripts**

092 **Block books**

093 **Incunabula**

Books printed before 1501

Including books printed by Caxton [*formerly* 094]

094 **Books notable for printing**

Limited editions, special editions, typographic masterpieces

Class books printed by Caxton [*formerly* 094] in 093

For block books, see 092; *incunabula,* 093

.4 **First editions**

095 **Books notable for bindings**

096 **Books notable for illustrations and materials**

.1 **Illustrations**

.2 **Materials**

Leaves of vellum and silk, letters of silver and gold

097 **Books notable for ownership or origin**

098 **Works notable for content**

.1 **Prohibited works**

.11 By religious authorities

.12 By civil authorities

.3 **Literary forgeries and hoaxes**

099 **Books notable for format**

Miniature editions, unusual dimensions and shapes

Class microreproductions [*formerly* 099] in 001.552 3

100

100 Philosophy and related disciplines

Use 100.1–100.9 for standard subdivisions

Class philosophy of a specific subject with the subject, e.g., philosophy of history 901

► 101–109 Standard subdivisions of philosophy

101 Theory

102 Miscellany

103 Dictionaries, encyclopedias, concordances

104

105 Serial publications

106 Organizations

107 Study and teaching

108 Collections and anthologies

Class collected writings of individual philosophers in 180–190

109 Historical treatment

Not limited by period or place

Class history, description, critical appraisal, biographical treatment of philosophy of specific periods and places in 180–190

► 110–120 Metaphysics (Speculative philosophy)

110 Ontology and methodology

111 Ontology

Nature of relations and being

For cosmology, see 113–119

111.1 Existence and essence

Class existentialism [*formerly* 111.1] in 142.7

.8 Transcendental properties of being

.82 Unity

.83 Truth

.84 Goodness and evil

.85 Beauty (Esthetics)

112 Classification of knowledge

► 113–119 Cosmology

113 Origin of universe

.2 Nature

.6 Cosmic harmony

.8 Life

114 Space

Including relation of space and matter

115 Time, duration, eternity

Including relation of time and motion

.4 Space time

Implications of theories of relativity

116 Motion and change

117 Matter and form

118 Force and energy

119 Number and quantity

120 Knowledge, cause, purpose, man

121 Epistemology

Origin, sources, limits, validity of knowledge

For logic, see 160

121.5 Doubt and denial
.6 Belief and certitude
.7 Faith
.8 Worth and theory of values

122 Cause and effect

Including chance versus cause

For final cause, see 124

123 Freedom and necessity

Determinism and indeterminism

.3 Chance

For chance versus cause, see 122

124 Teleology

Design, purpose, final cause

125 Finite and infinite

126 Consciousness and personality (The self)

127 The unconscious and the subconscious

128 Man

.1 Soul

For origin and destiny of the individual soul, see 129

.2 Mind
.3 Man's nature

For soul, see 128.1; *mind,* 128.2

.5 Nature of life and death

129 Origin and destiny of the individual soul

.4 Incarnation and reincarnation
.6 Immortality

130 Pseudopsychology, parapsychology, occultism

131 Pseudopsychology

Class physiological psychology [*formerly* 131] in 152

For pseudopsychology of character and mental capacity, see 137–139

.3 Personal well-being, happiness, success

Class mental hygiene [*formerly* 131.3] in 614.58

.32 Favorable factors

Tranquility, personal insight, self-confidence, faith, harmonious living

.33 Adverse factors

Ill health, fear, anxiety, frustrations, fatigue, tension

[.34] Psychoanalysis

Class psychoanalytic systems in 150.195, psychoanalysis as therapy in 616.891 7

.35 Dianetics

Extrascientific methods of eradicating mental disturbances thru reliving traumatic experiences

[132] Abnormal and clinical psychologies

Class in 157

133 Parapsychology and occultism

For esoteric and cabalistic traditions, see 135.4

SUMMARY

133.1 Apparitions (Ghosts)
.3 Divinatory arts
.4 Magic, witchcraft, demonology
.5 Mundane astrology
.6 Palmistry
.7 Frauds in occultism
.8 Extrasensory perception
.9 Spiritualism

133.1 **Apparitions (Ghosts)**

.12 Haunted places

.122 Ghosts in specific types of locale

Haunted graveyards, churches, forests, houses

For ghosts in specific places, see **133.129**

.129 Ghosts in specific places

Add area notations **3–9** to **133.129**

.14 Specific kinds of apparitions

Poltergeists, hobgoblins, disembodied spirits

.3 **Divinatory arts**

For chiromancy, see **133.64**; *dream books,* **135.3**; *divinatory graphology,* **137.7**

.32 Predictions

.322 Crystal gazing

.323 Radiesthesia

Location of living and inert substances thru human sensitivity to latent radiations and use of divining rods, pendulums, other devices

---

► 133.323 2 – 133.323 7 Location of specific substances

.323 2 Water

.323 3 Metals

.323 7 Petroleum and gases

.323 9 Telediesthesia (Distant prospection)

.324 Fortunetelling

For fortunetelling by numbers, see **133.335 4**; *horoscopes,* **133.54**

.324 2 Cartomancy

.324 24 By tarot

.324 29 By other kinds of cards

.324 4 By tea leaves and coffee grounds

.324 8 By oracles and sibyls

133.33 Symbolic divination

For cartomancy, see **133.324 2**

.333 Geomancy

.334 Divinatory signs and omens

.335 Numerology

.335 4 Fortunetelling by numbers

.335 9 Symbolism of specific numbers

.4 **Magic, witchcraft, demonology**

.42 Demonology

.422 Satanism (Devil worship)

.423 Evil spirits

Incubi, succubi, vampires, werewolves

.425 The evil eye

.426 Demoniac possession

.427 Exorcism of demons

.43 Magicians' manuals

Grimoire, black books, magic formulas, incantations

.44 Charms, amulets, talismans, mascots

.442 Love charms

.443 Good luck charms

.446 Therapeutic charms

.47 Voodooism

.5 **Mundane astrology**

.52 Zodiacal signs

.53 Planets

Aspects, houses, positions of planets

.54 Horoscopes

.540 4 Daily guides and birthday books

.542 Casting horoscopes

.548 Horoscopes of specific individuals

133.55 Ephemerides

.56 Horary astrology

.58 Specific applications

Use 133.580 001 – 133.580 009 for standard subdivisions

Divide like 001–999, e.g., medical astrology 133.586 1

.6 Palmistry

.62 Chirognomy

Determination of character and latent abilities thru study of shape and physical characteristics of hand

.64 Chiromancy

Divination thru study of mounts, lines, signs on hands

.7 Frauds in occultism

.8 Extrasensory perception

.82 Telepathy

.84 Clairvoyance

.85 Clairaudience

.86 Precognition

.9 Spiritualism

Communication with discarnate spirits

.901 Philosophy and theory

.901 3 Personal survival

.91 Mediumship

Development and practice of mediums, psychic experiences of individual mediums

For a specific phenomenon, see the subject, e.g., levitation 133.92

.92 Physical phenomena

Table-tipping, rapping, levitation, dematerialization, ectoplasm

.93 Psychic phenomena

Ouija board messages, automatic writings and utterances

[134] Hypnotism

Class in 154.7

135 Dreams and the mystic traditions

Class sleep phenomena [*formerly* 135] in 154.6

.3 Dream books

[.37] Daydreams

Class in 154.3

.4 Esoteric and cabalistic traditions

.42 Mysteries of the ancient elements

.43 Rosicrucian mysteries

[136] Differential and genetic psychology

Class in 155

► 137–139 Pseudopsychology of character and mental capacity

137 Personality analysis and improvement

Class psychology of personality [*formerly* 137] in 155.2

For physiognomy, see 138

.7 Analytic and divinatory graphology

138 Physiognomy

Determination of character from analysis of features

139 Phrenology

Determination of mental capacities from skull structure

140 Specific philosophical viewpoints

Class specific philosophers in 180–190, a specific branch of philosophy with the subject

141 Idealism and related systems and doctrines

Including spiritualism, panpsychism, subjectivism, voluntarism, Platonism, Neoplatonism

.3 Transcendentalism

.4 Individualism

.5 Personalism

.6 Romanticism

142 Critical philosophy

For critical realism, see 149.2

.3 Kantianism and neo-Kantianism

.7 Phenomenalism and phenomenology

Including existentialism [*formerly* 111.1]

143 Intuitionism and Bergsonism

For mysticism, see 149.3

144 Humanism and related systems and doctrines

.3 Pragmatism

.5 Instrumentalism

.6 Utilitarianism

145 Sensationalism and ideology

146 Naturalism and related systems and doctrines

Including dynamism, energism

.3 Materialism

Including dialectical materialism

.4 Positivism (Comtism)

Including logical positivism

146.5 Atomism

.6 Mechanism and neomechanism

.7 Evolutionism

147 Pantheism and related systems and doctrines

Including panentheism, animism, vitalism, parallelism, occasionalism

.3 Monism

.4 Dualism and pluralism

148 Liberalism, eclecticism, syncretism, traditionalism, dogmatism

149 Other philosophical systems and doctrines

.1 Nominalism and conceptualism

.2 Realism, neorealism, critical realism

.3 Mysticism and anthroposophy

.5 Optimism and meliorism

.6 Pessimism

.7 Rationalism and related systems and doctrines

Including intellectualism, innatism, nativism

.72 Agnosticism

.73 Skepticism

.8 Nihilism and fatalism

For existentialism, see 142.7

.9 Other systems and doctrines

.94 Semantics

150 Psychology

This schedule is completely new, prepared with little reference to earlier editions and assigning new meanings to many numbers. Such numbers are italicized

[.13] Applied psychology
Class in 158

.19 Systems, schools, viewpoints
.192 Speculative systems
Rational, faculty, phenomenological, existential schools

[.192 4] Gestalt psychology
Class in 150.198 2

.193 Functionalism
.193 2 Dynamic psychologies
.193 3 Purposive psychologies
.193 32 Holistic
.193 33 Hormic
.193 34 Organismic
.194 Reductionism
.194 3 Behaviorism
.194 32 Watsonian behaviorism
Systems of Watson, Spranger, Hunter, Lashley

.194 34 Neobehaviorism (Pragmatic reductionism)
Systems of Guthrie, Hull, Skinner, Tolman

.194 4 Reflexology (Associationism)
Systems of Pavlov, Bekhterev, Thorndike

.195 Psychoanalytic systems [*formerly* 131.34]
.195 2 Freudian
.195 3 Adlerian
.195 4 Jungian
.195 7 Neopsychoanalytic
Systems of Horney, Fromm, Sullivan

150.198 Other systems
.198 2 Gestalt psychology [*formerly* 150.192 4]
.198 4 Field theory
.72 Research
Class experimental psychology [*formerly* 150.72] in 152

[151] Intelligence and aptitudes

Class in 153.9

[.3] Comparative psychology
Class in 156

152 Physiological [*formerly* 131] and experimental [*formerly* 150.72] psychology

SUMMARY

152.1	Sensory perception
.3	Movements and motor functions
.4	Emotions and feelings
.5	Motivation (Drives)
.8	Quantitative psychology

.1 Sensory perception
Receptive processes and functions
Scope: attributes, thresholds, discrimination, tests

.14 Visual perception
.142 Spatial perception
.142 2 Visual acuity
Discrimination of spatial distribution of dark and light in visual field

.142 3 Pattern perception
.142 5 Movement perception
Real and apparent

.143 Brightness perception
.145 Color perception
.148 Other perceptional attributes
Optical illusions, afterimages

152.15 Auditory perception [*formerly* 152.2]
.152 Pitch perception
.154 Volume perception
.157 Timbre perception
Tone discrimination, musical psychology

.158 Localization
.16 Chemical sensory perception
.166 Olfactory perception [*formerly* 152.3]
.167 Gustatory perception [*formerly* 152.4]
.18 Other types of sensory perception
.182 Cutaneous (Tactile) perception [*formerly* 152.5]
.182 2 Thermal perception
.182 3 Pressure perception
.182 4 Pain perception
.182 8 Derived sensory perception
Perception of vibration, itch, tickle

.188 Proprioceptive perceptions [*formerly* 152.6]
.188 2 Orientational perceptions
.188 6 Visceral perceptions
Hunger, thirst, well-being, fatigue

.189 Synesthesia
[.2] Auditory perception
Class in **152.15**

.3 **Movements and motor functions [*formerly* 158.3]**
Class olfactory perception [*formerly* **152.3**] in **152.166**

► 152.32–152.33 Automatic movements [*formerly* 158.4]
.32 Involuntary movements
.322 Reflexes
.322 3 Innate reflexes
.322 4 Conditioned reflexes

152.324 Instinctive movements
.33 Habits and habit formation
.334 Motor learning
.335 Handedness and laterality
.35 Voluntary movements [*formerly* 158.5]
.38 Special motor functions [*formerly* 158.8]
.382 Locomotion
.384 Expressive movements
.384 2 Vocal expressions
.384 5 Graphic expressions
.385 Coordination
.4 **Emotions and feelings [*formerly* 157]**
Affective processes and reactions
Class gustatory perception [*formerly* **152.4**] in **152.167**

.42 Expression of emotions
.43 Types of emotions
.432 Primitive and uncontrolled emotions
.434 Secondary emotions
.44 Feeling and feelings
Including conation and feeling [*formerly* **158.1**]

.442 Expression of feelings
.443 Types of feelings
.444 Feeling tone
.45 States affected by feelings
.452 Sentiments and attitudes
.454 Moods and dispositions
.5 **Motivation (Drives) [*formerly* 159.4]**
Class cutaneous (tactile) perceptions [*formerly* **152.5**] in **152.182**

.52 Types
Biological, secondary, social drives

.58 Measurements

[152.6] **Proprioceptive perceptions**
Class in 152.188

[.7] **Perceptual processes**
Class in 153.7

.8 **Quantitative psychology**
Psychophysical methods
Class a specific application with the subject

.82 Threshold and discrimination studies
.83 Reaction-time studies

153 Intelligence, intellectual and conscious mental processes

SUMMARY

153.1	Memory and learning
.2	Ideation
.3	Imagination and imagery
.4	Cognition (Knowledge)
.7	Perceptual processes
.8	Volition (Will)
.9	Intelligence and aptitudes

.1 **Memory and learning [*formerly* 154]**
Class concepts and concept formation [*formerly* 153.1] in 153.23

.12 Memory processes
.122 Retention
.123 Recall and reproduction
.124 Recognition
.125 Forgetting
.13 Types of memory
.132 Visual
.133 Auditory
.134 Visual-auditory
.136 Other

153.14 Mnemonic systems
.15 Learning
.152 Methods
.152 2 Repetition and rote learning
.152 3 Imitation
.152 4 Trial and error
.152 6 Association
.152 8 Discrimination
.153 Factors
.153 2 Attention and concentration
.153 3 Interest and enthusiasm
.153 4 Motivation
.154 Transfer of learning
.158 Learning curves

.2 Ideation
.22 Association of ideas
.23 Concepts and concept formation [*formerly* 153.1]
.24 Abstraction [*formerly* 153.3]
.25 Inspiration

.3 **Imagination and imagery [*formerly* 155]**
Class abstraction [*formerly* 153.3] in 153.24

.32 Eidetic imagery
.35 Creativity

.4 Cognition (Knowledge)
For ideation, see 153.2

.42 Thought and thinking
For reasoning, see 153.43

.422 Reflective thought
.423 Imageless thought

153.43 Reasoning [*formerly* 153.6]
.432 Inductive
.433 Deductive
.44 Intuition [*formerly* 156]
.45 Value
.46 Judgment [*formerly* 153.5]
[.5] Judgment
Class in **153.46**

[.6] Reasoning
Class in **153.43**

.7 Perceptual processes [*formerly* 152.7]
Perceptual apprehension and understanding
For sensory perception, see **152.1**; *extrasensory perception,* **133.8**

.73 Basic elements
.733 Attention
.734 Apperception
.735 Preperception
.736 Subliminal perception
.74 Errors (Normal illusions)
.75 Types of perception
.752 Space perception
.753 Time and rhythm perception
.754 Movement perception
.8 Volition (Will) [*formerly* 159.2]
Class depth psychology [*formerly* **153.8**] in **154**

.83 Choice and decision [*formerly* 159.1]
.85 Modification of will
.852 Persuasion
.853 Menticide (Brainwashing)
.854 Conformity

153.9 Intelligence and aptitudes [*formerly* 151]
.92 Factors affecting intelligence
.93 General intelligence tests
.932 Individual
.932 3 Verbal
.932 4 Nonverbal
.933 Group
.933 3 Verbal
.933 4 Nonverbal
.94 Aptitude tests
Individual, group, verbal, nonverbal tests for special abilities
Use **153.940 001 – 153.940 009** for standard subdivisions
Divide like **001–999**, e.g., tests for musical ability **153.947 8**

.98 Superior intelligence
For exceptional children, see **155.45**

154 Subconscious states and processes

Depth psychology [*formerly* **153.8**]
Class memory and learning [*formerly* **154**] in **153.1**

.2 The subconscious
.22 Elements
Id, ego, superego

.24 Activities
Sublimation, transference, reasoning, conflicts, complexes

.3 Secondary consciousness
Daydreams [*formerly* **135.37**], fantasies, reveries

.6 Sleep phenomena [*formerly* 135]
.62 Sleep
.63 Dreams
.632 Types
.634 Analysis

154.64 Somnambulism

.7 Hypnotism [*formerly* 134]

.72 Mesmerism and animal magnetism

.76 Induction of hypnosis

.77 Hypnotic phenomena

.772 Trance phenomena

.774 Posthypnotic phenomena

.78 Special developments

155 Differential and genetic psychology [*formerly* 136]

Class imagination and imagery [*formerly* 155] in 153.3

SUMMARY

155.2	Individual psychology
.3	Sex psychology
.4	Child psychology
.5	Adolescents
.6	Adults and aged
.7	Evolutional psychology
.8	Ethnopsychology and national psychology
.9	Psychology of influence, pattern, example

.2 Individual psychology

Personality [*formerly* 137], character, individuality

.22 Individual differences

.23 Personality traits and determinants

.232 Specific traits

.234 Determinants

Biological, moral, social, mental determinants

.24 Adaptability [*formerly* 159.3]

.25 Personality development and modification

.26 Typology

.262 Classical (Hippocrates' theory of temperaments)

.264 Modern

Classification schemes of Jung, James, Stern, Rorschach, Kretschmer, Sheldon

155.28 Appraisals and tests

.282 Diagnostic graphology

.283 Inventories and questionnaires

.284 Projective techniques

.284 2 Rorschach tests

.284 3 Szondi tests

.284 4 Thematic apperception tests

.3 Sex psychology

.31 Erogenity and libido

.32 Sex and personality

.33 Sex differences

.332 Masculinity

.333 Femininity

.334 Bisexuality

.34 Sex relations

► **155.4–155.7 Developmental psychology**

For sex psychology, see 155.3

.4 Child psychology

Thru age eleven

.41 Basic behavior patterns

.412 Motor behavior

Development of posture, locomotion, coordination

.413 Adaptive behavior

Development of intelligence, intellectual and conscious mental processes

.418 Personal-social behavior

Development of interpersonal relations, responsiveness to gestures and speech, self-help habits

► 155.42–155.45 Specific groupings

Observe the following table of precedence, e.g., preschool boys **155.423**
Exceptional children
By class, type, relationships
By age groups
By sex

155.42 By age groups
.422 Infants
From birth to age two
.423 Preschool children
Ages three to five
.424 School children
Ages six to eleven
.43 By sex
.432 Boys
.433 Girls
.44 By class, type, relationships
.442 The only child
.443 Siblings
Brothers and sisters not of the same birth
.444 Twins, triplets, quadruplets
Brothers and sisters of the same birth
.445 Adopted and foster children
.446 Institutionalized children
.45 Exceptional children
Divide like 371.9, e.g., psychology of gifted children **155.455**

155.5 Adolescents
Ages twelve to twenty
.53 By sex
.532 Young men
.533 Young women
***.6* Adults and aged**

► 155.61–155.64 Adults

.61 Mental and creative productivity
.63 By sex
For adults by status, type, relationships, see **155.64**
.632 Men
.633 Women
.64 By status, type, relationships
.642 Single status
.642 2 Bachelors
.642 3 Spinsters
.643 Divorst status
.643 2 Men
.643 3 Women
.644 Widowed status
.644 2 Men
.644 3 Women
.645 Married status
.645 2 Men
.645 3 Women
.646 Parents
Class divorst parents in **155.643**, widowed parents in **155.644**
.646 2 Fathers
.646 3 Mothers

155.67 Aged

.671 Mental and physical impairments

.672 Adaptability problems

Psychological aspects of retirement, change in status, institutional life

.7 Evolutional psychology

Influence of heredity on personal characteristics

.8 Ethnopsychology and national psychology

.81 Primitive man

► 155.82–155.84 Ethnopsychology

.82 Race differences

.84 Specific races

Divide like **420–490**, e.g., psychology of Jews **155.849 24**

.89 National psychology

Add area notations **3–9** to **155.89**

.9 Psychology of influence, pattern, example

.91 Physical influences

.911 Sensory

Divide like **152.1**, e.g., psychology of color **155.911 45**

.915 Climatic

.916 Deformities, injuries, diseases

.92 Social influences

Divide like **158.2**, e.g., influences of family members **155.924**

.93 Situational influences

.935 Catastrophic disasters

Behavior patterns during earthquakes, floods, hurricanes, fires, bombings

.936 Accidents

155.94 Housing and community influences

.942–.944 Specific types of communities

Divide like area notations **173 2–173 4**, e.g., urban influences **155.942**

.945 Housing

.95 Clothing

.96 Spatial and restrictive influences

.962 Prisons

.963 Submarine structures

.964 Subterranean structures

Behavior patterns in underground shelters, caves, mines, tunnels and similar structures

.965 Aircraft (Aviation psychology)

.966 Spacecraft (Space psychology)

156 Comparative psychology [*formerly* 151.3]

Ontogenic and phylogenic studies of behavior mechanisms in lower organisms

Class intuition [*formerly* 156] in **153.44**

► 156.2–156.7 Animal psychology

.2 Physiological psychology

Divide like **152**, e.g., reaction-time studies of animals **156.283**

.3 Intelligence and intellectual processes

Divide like **153**, e.g., learning curves of animals **156.315 8**

.4 Subconscious states and processes

.7 Abnormal behavior

.9 Plant behavior

157 Abnormal and clinical psychologies [*both formerly* 132]

Class emotions and feelings [*formerly* 157] in 152.4

► **157.1–157.8 Abnormal psychology**

Study of behavior patterns of psychotic, psychoneurotic, mentally deficient individuals

For exceptional children, see 155.45

► **157.1–157.2 Psychoses**

.1 **Organic**

Paresis, cerebrovascular disorders, chorea, epilepsy

.2 **Functional**

Divide like 616.895–616.898, e.g., manic-depressive psychoses 157.25

► **157.3–157.7 Psychoneuroses**

.3 **Hysteria and related disorders**

Divide like 616.852, e.g., amnesias 157.33

.5 **Speech and language disorders**

Divide like 616.855, e.g., aphasias 157.52

.6 **Psychoneurotic addictions and intoxications**

Divide like 613.8, e.g., alcoholism 157.61

.7 **Disorders of character and personality**

Divide like 616.858 2 – 616.858 4, e.g., homosexuality 157.734

.8 **Mental deficiency**

Divide like 616.858 8, e.g., imbeciles 157.823

.9 **Clinical psychology**

.92 Psychodiagnoses

Appraising adjustment problems of individuals

.94 Rehabilitation

158 Applied psychology [*formerly* 150.13]

Class specific applications with the subject

.1 **Successful living**

Class conation and feeling [*formerly* 158.1] in 152.44

.2 **Interpersonal relations**

.24 With family members

.25 With friends and neighbors

.26 With work associates

.27 With strangers

.3 **Interviewing**

Class movements and motor functions [*formerly* 158.3] in 152.3

.4 **Leadership**

Class automatic movements [*formerly* 158.4] in 152.32–152.33

.5 **Cooperation**

Class voluntary movements [*formerly* 158.5] in 152.35

.6 **Vocational interests**

.7 **Industrial psychology**

[.8] **Special motor functions**

Class in 152.38

159 Other aspects

[.1] **Choice and decision**

Class in 153.83

[.2] **Volition (Will)**

Class in 153.8

[.3] **Adaptability**

Class in 155.24

[.4] **Motivation (Drives)**

Class in 152.5

160 Logic

Science of reasoning processes

161 Induction

For hypothesis, see 167; *analogy,* 169

162 Deduction

For syllogism, see 166

163

164 Symbolic and mathematical logic

► 165–169 Specific topics

165 Fallacies and sources of error

Contradiction, paradox, fictions

166 Syllogism

167 Hypothesis

168 Argument and persuasion

169 Analogy

170 Ethics (Moral philosophy)

.202 Practical ethics (Conduct of life)

► 170.202 2 – 170.202 4 For specific classes

.202 2 Specific age groups

.202 22 Children

.202 23 Young adults (Adolescents)

.202 232 Men

.202 233 Women

.202 26 Aged

.202 4 Groups by sex

For practical ethics for specific age groups, see 170.202 2

.202 42 Male

.202 44 Female

171 Systems and doctrines

.1 Based on authority

Class morals and duties in comparative religion in 291.5; in a specific religion with the religion, e.g., Christian moral theology 241

.2 Based on intuition and moral sense

For systems and doctrines based on conscience, see 171.6

.3 Perfectionism

Systems and doctrines based on self-realization, fulfilment of personality

.4 Hedonism

Systems and doctrines based on achievement of individual pleasure or happiness

.5 Utilitarianism

Systems and doctrines based on achievement of the greatest happiness of the greatest number

.6 Based on conscience

Including casuistry, conflict of duties

171.7 **Based on evolution and education**

.8 **Based on altruism**

For utilitarianism, see 171.5

.9 **Based on egoism**

For hedonism, see 171.4

► 172–179 Applied ethics

Inherent rightness and wrongness of specific human qualities, relationships, activities

Class comprehensive works on practical ethics in 170.202

172 Ethics of political relationships

.1 **Citizenship**

Duties of citizens to community, state, nation with respect to defense, obedience to law, payment of taxes, civic and political activity, revolution, civil war

.2 **Public office**

Duties of officials with respect to public administration and welfare, security, justice, education, freedom of citizens

.4 **International relations**

Foreign policies, war and peace, disarmament, espionage

173 Ethics of family relationships

Marriage, separation, divorce, responsibilities of parents for children and home life, of children to parents

174 Professional and occupational ethics [*formerly* standard subdivision 069]

If preferred, class in standard subdivision 017

.1 **Of clergy**

.2 **Of medical professions**

.22 Hippocratic oath

.24 Euthanasia

.26 Economic questions

Medical advertising, fee splitting

174.3 **Of legal professions**

.4 **Of trade, manufacture, finance (Business ethics)**

.6 **Of gambling business and lottery management**

Class ethics of games of chance in 175.5, of betting in 175.9

.9 **Of other professions and occupations**

Including military ethics [*formerly* 355.13], ethics of musicians [*formerly* 780.071]

Divide like 001–999, e.g., ethics of librarianship 174.902

175 Ethics of recreation

Scope: sportsmanship, fair play

.1 **Of radio, television, motion pictures, circuses**

.2 **Of theater, opera, musical performances**

.3 **Of dancing**

.4 **Of games of skill**

For ethics of card games, see 175.5

.5 **Of games of chance**

Including card games, dice games, roulette

.6 **Of human and animal combat**

Boxing, wrestling, bullfights, cockfights

.7 **Of racing**

Man, animals, vehicles

.8 **Of recreational reading**

For ethics of obscenity in literature, see 176.8

.83 Reading comics

.9 **Of betting**

For ethics of games of chance, see 175.5

176 **Sexual ethics**

Including chastity, celibacy, continence, adultery, artificial insemination

.5 **Of prostitution**

.7 **Of obscenity in art**

.8 **Of obscenity in literature**

177 **Ethics of social relations**

.1 **Of courtesy, politeness, hospitality**

Class etiquette in 395

.2 **Of conversation, gossip, scandal**

.3 **Of slander, flattery, truthfulness, lying**

.4 **Of personal appearance**

Exposure of person, display of dress

.5 **Of slavery, discriminatory practices**

.6 **Of friendship and courtship**

For sexual ethics, see 176

.7 **Of philanthropy, benevolence, kindness**

Including liberality, charity [*both formerly also* 179.9]

178 **Ethics of temperance and intemperance**

.1 **In use of alcoholic beverages**

Abstinence, moderate or social drinking, heavy drinking

[.5] **Prohibition**

Class in 340

.7 **In use of tobacco**

.8 **In use of narcotics**

.9 **In other forms**

Gluttony, greediness

179 **Other applications of ethics**

.01–.09 Standard subdivisions of cruelty

► **179.2–179.3 Cruelty**

Class standard subdivisions in 179.01–179.09

.2 **To children**

.3 **To animals**

For vivisection, see 179.4

.36 Birds

.4 **Vivisection**

.5 **Profanity, blasphemy, obscenity in speech**

.6 **Courage and cowardice**

.7 **Respect for human life**

Genocide, homicide, suicide, capital punishment, dueling

For ethics of war, see 172.4; *of civil war,* 172.1; *of euthanasia,* 174.24

.8 **Vices, faults, failings**

Not otherwise provided for

Pride, covetousness, envy, anger, sloth, jealousy, avarice, hatred, cheating

.9 **Virtues**

Not otherwise provided for

Humility, gentleness, patience, diligence, self-reliance, self-control, toleration, honesty, modesty, prudence, cheerfulness, gratitude

Class liberality, charity [*both formerly* 179.9] in 177.7

► 180–190 Historical and geographical treatment of philosophy

Scope: development, description, critical appraisal, collected writings, biographical treatment of individual philosophers regardless of viewpoint

Class historical treatment not limited by period or place in **109**

180 Ancient, medieval, Oriental philosophy

Use **180.01–180.09** for standard subdivisions

.1–.9 **Standard subdivisions of ancient philosophy**

181 Oriental

Not limited by period

Use **181.001–181.009** for standard subdivisions

.04–.09 Based on specific religions

Divide like **294–299**, e.g., Buddhist philosophy **181.043**

Class Hindu-Brahmanical philosophy in **181.41–181.48**, Judaistic philosophy in **181.3**, Christian philosophy in **189–199**

► 181.1–181.9 Of specific places

Divide geographically as below; but, if it is desired to give local emphasis and a shorter number to philosophy of a specific country, place it first by use of a letter or other symbol, e.g., philosophy of Lebanon **181.L** (preceding **181.1**)

.1 **Far East and South Asia**

For philosophy of India, see **181.4**

.11 China and Korea

.12 Japan

.15 Pakistan

.16 Indonesia

.17 Philippines

.19 Southeast Asia

Divide like area notation **59**, e.g., philosophy of Thailand **181.193**

181.2 **Egypt**

.3 **Palestine, Judea, Israel**

Class here Judaistic philosophy

.4 **India**

Class philosophy of Pakistan in **181.15**

► 181.41–181.48 Hindu-Brahmanical

.41 Sankhya

.42 Mimamsa

.43 Nyaya

.44 Vaisheshika

.45 Yoga

.452 Patanjali

.48 Vedanta

.482 Sankaracharya (Advaita)

.483 Ramanujacharya (Visistadvaita)

.484 Dualistic school

.484 1 Madhvacharya (Dvaita)

.484 2 Bhedabheda

.484 3 Nimbarka (Dvaitadvaita)

.484 4 Vallabhacharya (Suddhadvaita)

.49 Other

.5 **Persia and Iran**

.6 **Mesopotamia**

Philosophy of Assyria, Babylonia, Chaldea

.8 **Phoenicia**

.9 **Other**

Divide like area notation **39**, e.g., philosophy of Arabia **181.947**

► 182–188 Ancient Western

► 182–185 Greek

Class comprehensive works in 182

For Skeptic and Neoplatonic philosophy, see 186

182 **Pre-Socratic**
- .1 Ionic
- .2 Pythagorean
- .3 Eleatic
- .4 Heraclitean
- .5 Empedoclean
- .7 Democritean
- .8 Anaxagorean

183 **Sophistic, Socratic and related philosophies**
- .1 Sophistic
- .2 Socratic
- .4 Cynic
- .5 Cyrenaic
- .6 Megaric
- .7 Elian and Eretrian

184 **Platonic**

185 **Aristotelian**

186 **Skeptic and Neoplatonic**
- .1 Pyrrhonic
- .2 New Academy
- .3 Eclectic
- .4 Neoplatonic and Alexandrian

► 187–188 Roman

For Skeptic and Neoplatonic philosophy, see 186

187 **Epicurean**

188 **Stoic**

189 **Medieval Western**

Scope: early Christian philosophy

- .2 Patristic
- .4 Scholastic
- .5 Mystic

190 Modern Western philosophy

Scope: Christian philosophy

Class here comprehensive works on modern philosophy, on Western philosophy

Divide geographically as below; but, if it is desired to give local emphasis and a shorter number to philosophy of a specific country, place it first by use of a letter or other symbol, e.g., philosophy of Mexico 19M (preceding 191)

For ancient, medieval, Oriental philosophy, see 180

191 **United States and Canada**

192 **British Isles**

193 **Germany and Austria**

194 **France**

195 **Italy**

196 **Spain and Portugal**
- .1 Spain
- .9 Portugal

197 **Russia and Finland**
- .1 Finland
- .2 Russia, Ukraine, Belorussia

198 **Scandinavia**
- .1 Norway
- .5 Sweden
- .9 Denmark

199 **Other**

Add area notations 4–9 to 199

200

200 Religion

Class comparative religion in 291

.1 Philosophy and theory

.19 Psychological aspects

Including religious emotions [*formerly* 291.12]

.2–.3 Miscellany, dictionaries, encyclopedias

.4 Religious mythology

.5–.9 Other standard subdivisions

► 201–209 Standard subdivisions of Christian religion

201 Philosophy and theory

202 Miscellany

203 Dictionaries, encyclopedias, concordances

204

205 Serial publications

206 Organizations

207 Study and teaching

Class religious training and instruction in Sunday schools, church schools, vacation Bible schools in 268

.1 Schools and courses

.11 Colleges and universities

Divide like 281–289, e.g., Roman Catholic seminaries 207.112

For colleges and universities in specific places, see 207.4–207.9

.12 Secondary schools

Divide like 281–289, e.g., Adventist training schools 207.126 7

For secondary schools in specific places, see 207.4–207.9

207.3 Research, museums, collecting, review, use of equipment, competitions

Divide like standard subdivisions 072–079, e.g., museums and exhibits on Christian religion 207.34

.4–.9 Schools in specific places

Colleges, universities, secondary schools

Scope: specific schools

Add area notations 4–9 to 207

208 Collections and anthologies

209 Historical and geographical treatment

Class historical and geographical treatment of Christian church in 270

210 Natural religion

Religious belief attained thru observation and interpretation of evidence in nature, speculation, reasoning

211 Knowledge of God

.3 Theism

.4 Rationalism (Free thought)

.5 Deism

.6 Humanism, secularism, humanitarianism

.7 Agnosticism and skepticism

.8 Atheism

212 Nature of God

.2 Polytheism

.3 Dualism

.4 Monotheism

.5 Pantheism

Including theosophy

.8 Anthropomorphism

213 **Creation**

By fiat, by evolutionary growth and change

.5 **Of life**

Including man

214 **Theodicy**

Vindication of God's justice and goodness in permitting existence of evil and suffering

.8 **Providence**

215 **Science and religion**

Antagonism and reconciliation

For creation, see 213

.1 **Mathematics**

.2 **Astronomy**

.24 Life on other worlds

.25 Man in space

.3 **Physics**

.4 **Chemistry**

.5 **Geology**

.6 **Paleontology**

.7 **Anthropological and biological sciences**

.72 Anthropology and ethnology

.74 Biology and natural history

.8 **Archeology**

.9 **Medical science**

216 **Good and evil**

For theodicy, see 214

217 **Worship and prayer**

218 **Immortality and eternity**

219 **Analogy**

Religious belief based on correspondences

► 220–280 Christian religion

220 **Bible**

For Biblical theology, see 230

.01 Philosophy and theory

.013 Value [*formerly* 220.6]

.02–.09 Other standard subdivisions

Class concordances in 220.2, dictionaries and encyclopedias in 220.3

► 220.1–220.9 General principles

SUMMARY

220.1	Origins and authenticity
.2	Concordances and indexes
.3	Dictionaries and encyclopedias
.4	Original texts and early versions
.5	Modern versions
.6	Criticism and interpretation
.7	Commentaries
.8	Special subjects treated in Bible
.9	Geography, history, chronology of Bible lands in Bible times

.1 **Origins and authenticity**

.12 Canon

Bible as Holy Scripture

.13 Inspiration

.14 Authorship

.15 Prophetic message

.2 **Concordances and indexes**

.3 **Dictionaries and encyclopedias**

► 220.4–220.5 Texts and versions

Scope: textual criticism

For commentaries with text, see 220.77

.4 **Original texts and early versions**

Codices and translations into modern languages

220.42 Chaldee

.43 Syriac

.44 Hebrew

For translations of Hebrew texts into modern languages, see **220.5**

.45 Samaritan

.46 Other Semitic

Including Ethiopic, Arabic

.47 Latin

Including Itala, Vulgate

Class translations of Vulgate text into modern languages [*formerly* **220.47**] in **220.5**

.48 Greek

Including Septuagint

For translations of Greek texts into modern languages, see **220.5**

.49 Other early versions

Including Armenian, Coptic, Gothic

.5 Modern versions

Translations into modern languages from Vulgate [*formerly also* **220.47**], Hebrew, Greek texts

.51 Polyglot

.52 In English

.520 1 Early before 1582

.520 2 Douay

.520 3 Authorized (King James)

.520 4 Revised

English revised, American revised, revised standard, American standard

.520 5 Confraternity

.53–.59 In other languages

Divide like **430–490**, e.g., German-language versions **220.53**

220.6 Interpretation and higher criticism

Class value of Bible [*formerly* **220.6**] in **220.013**

For commentaries, see **220.7**

.61 Isagogics

.63 Hermeneutics

Science of interpretation

.64 Symbolism and typology

.65 Harmony

.66 Exegesis (Higher criticism)

.67 Historical criticism

.68 Mythological, allegorical, numerical, astronomical interpretations

.7 Commentaries

Criticism and interpretation arranged in textual order

.77 With text

.8 Special subjects treated in Bible

Use **220.800 01 – 220.800 09** for standard subdivisions

Divide like **001–999**, e.g., natural science in Bible **220.85**

[.88] Bible as literature

Class in **809.935 22**

.9 Geography, history, chronology of Bible lands in Bible times

.91 Geography (Description and civilization)

.92 Collective biography

.93 Archeology (Material remains)

.95 History of events

Use **220.950 01 – 220.950 09** for standard subdivisions

.950 5 Bible stories retold

► 221–229 Specific parts of Bible

221 Old Testament

For specific parts of Old Testament, see **222–224**

.1–.8 **General principles**

Divide like **220.1–220.8**, e.g., exegesis **221.66**

.9 **Geography, history, chronology of Old Testament lands in Old Testament times**

.91 Geography (Description and civilization)

.92 Biography

Divide like standard subdivision **092**, e.g., individual biography **221.924**

.93 Archeology (Material remains)

.95 History of events

Use **221.950 01 – 221.950 09** for standard subdivisions

.950 5 Old Testament stories retold

► 222–224 Specific parts of Old Testament

Use **001–009** for standard subdivisions under each subdivision identified by *

Add **0** to each subdivision identified by * and divide as follows:

1–8 General principles

Divide like **220.1–220.8**, e.g., exegesis **66**

9 Geography, history, chronology

Divide like **221.9**, e.g., biography **92**

222 *Historical books

.1 ***Pentateuch (Torah)**

.11 *Genesis

.12 *Exodus

For Ten Commandments, see **222.16**

.13 *Leviticus

* Make standard subdivisions and divide as instructed under **222–224**

222.14 *Numbers

.15 *Deuteronomy

For Ten Commandments, see **222.16**

.16 *Ten Commandments (Decalog)

.2 ***Joshua (Josue)**

.3 ***Judges**

.35 ***Ruth**

.4 ***Samuel**

.43 *Samuel 1

Also called Kings 1

.44 *Samuel 2

Also called Kings 2

.5 ***Kings**

.53 *Kings 1

Also called Kings 3

.54 *Kings 2

Also called Kings 4

.6 ***Chronicles (Paralipomena)**

.63 *Chronicles 1 (Paralipomenon 1)

.64 *Chronicles 2 (Paralipomenon 2)

.7 ***Ezra (Esdras 1)**

.8 ***Nehemiah (Esdras 2, Nehemias)**

.86 ***Tobit (Tobias)**

(Optional; prefer **229.2**)

.88 ***Judith**

(Optional; prefer **229.24**)

.9 ***Esther**

(Optional: deuterocanonical part of Esther; prefer **229.27**)

* Make standard subdivisions and divide as instructed under **222–224**

223 *Poetic books

.1 *Job

.2 *Psalms

Including authorship and chronology [*both formerly* 223.3], special groups [*formerly* 223.4], metrical versions [*formerly* 223.5], commentaries [*formerly* 223.6]

[.3] Authorship and chronology of Psalms

Class in 223.2

[.4] Special groups of Psalms

Class in 223.2

[.5] Metrical versions and liturgical use of Psalms

Class metrical versions in 223.2, liturgical use in 264

[.6] Commentaries on Psalms

Class in 223.2

.7 *Proverbs

.8 *Ecclesiastes

.9 *Song of Solomon (Canticle of Canticles)

.96 *Wisdom of Solomon (Wisdom)

(Optional; prefer 229.3)

.98 *Ecclesiasticus (Sirach)

(Optional; prefer 229.4)

224 *Prophetic books

.1 *Isaiah (Isaias)

.2 *Jeremiah (Jeremias)

.3 *Lamentations

.37 *Baruch

(Optional; prefer 229.5)

.4 *Ezekiel (Ezechiel)

* Make standard subdivisions and divide as instructed under 222–224

224.5 *Daniel

(Optional: Song of the three children, prefer 229.5; Susanna, Bel and the dragon, prefer 229.6)

.6 *Hosea (Osee)

.7 *Joel

.8 *Amos

.9 *Minor prophets

For Hosea, see 224.6; *Joel,* 224.7; *Amos,* 224.8

.91 *Obadiah (Abdias)

.92 *Jonah (Jonas)

.93 *Micah (Micheas)

.94 *Nahum

.95 *Habakkuk (Habacuc)

.96 *Zephaniah (Sophonias)

.97 *Haggai (Aggeus)

.98 *Zechariah (Zacharias)

.99 *Malachi (Malachias)

.997 *Maccabees 1 and 2 (Machabees 1 and 2)

(Optional; prefer 229.73)

225 New Testament

For specific parts of New Testament, see 226–228

.1–.8 General principles

Divide like 220.1–220.8, e.g., canon 225.12

.9 Geography, history, chronology of New Testament lands in New Testament times

.91 Geography (Description and civilization)

.92 Biography

Divide like standard subdivision 092, e.g., individual biography 225.924

For life of Jesus, see 232.901

* Make standard subdivisions and divide as instructed under 222–224

225.93 Archeology (Material remains)

.95 History of events

Use 225.950 01 – 225.950 09 for standard subdivisions

.950 5 New Testament stories retold

► **226–228 Specific parts of New Testament**

Use 001–009 for standard subdivisions under each subdivision identified by *

Add 0 to each subdivision identified by * and divide as instructed under 222–224

226 *Gospels and Acts

.1 **Harmonies of the Gospels**

► **226.2–226.5 Specific Gospels**

For miracles, see 226.7; *parables,* 226.8

.2 ***Matthew**

For Lord's Prayer, see 226.9

.3 ***Mark**

.4 ***Luke**

.5 ***John**

.6 ***Acts of Apostles**

.7 ***Miracles**

.8 ***Parables**

.9 ***Lord's Prayer**

227 *Epistles

.1 ***Romans**

.2 ***Corinthians 1**

.3 ***Corinthians 2**

.4 ***Galatians**

.5 ***Ephesians**

* Make standard subdivisions and divide as instructed under 222–224

227.6 ***Philippians**

.7 ***Colossians**

.8 ***Other Pauline epistles**

.81 ***Thessalonians 1**

.82 ***Thessalonians 2**

.83 ***Timothy 1**

.84 ***Timothy 2**

.85 ***Titus**

.86 ***Philemon**

.87 ***Hebrews**

.9 ***Catholic epistles**

.91 ***James**

.92 ***Peter 1**

.93 ***Peter 2**

.94 ***John 1**

.95 ***John 2**

.96 ***John 3**

.97 ***Jude**

228 *Revelation (Apocalypse)

229 Apocrypha, pseudepigrapha, deuterocanonical works

Use 229.001–229.009 for standard subdivisions

.01–.08 General principles

Divide like 220.1–220.8, e.g., commentaries 229.07

.09 Geography, history, chronology of lands of Apocrypha in times of Apocrypha

.091 Geography (Description and civilization)

.092 Biography

Divide like standard subdivision 092, e.g., individual biography 229.092 4

* Make standard subdivisions and divide as instructed under 222–224

229.093 Archeology (Material remains)

.095 History of events

Use 229.095 001 – 229.095 009 for standard subdivisions

.095 05 Stories of Apocrypha retold

► **229.1–229.9 Specific books**

Use 001–009 for standard subdivisions under each subdivision identified by *

Add 0 to each subdivision identified by * and divide as instructed under 222–224

.1 ***Esdras 1 and 2**

Also called Esdras 3 and 4

.2 ***Tobit (Tobias)**

If preferred, class in 222.86

.24 ***Judith**

If preferred, class in 222.88

.27 ***Esther**

If preferred, class in 222.9

.3 ***Wisdom of Solomon (Wisdom)**

If preferred, class in 223.96

.4 ***Ecclesiasticus (Sirach)**

If preferred, class in 223.98

.5 ***Baruch, Epistle of Jeremy, Song of three children**

If preferred, class Baruch in 224.37, Song of the three children in 224.5

.6 ***Susanna, Bel and the dragon, Prayer of Manasses**

If preferred, class Susanna, Bel and the dragon in 224.5

* Make standard subdivisions and divide as instructed under 222–224

229.7 ***Maccabees (Machabees)**

.73 *Maccabees 1 and 2 (Machabees 1 and 2)

If preferred, class in 224.997

.75 *Maccabees 3 and 4 (Machabees 3 and 4)

.8 ***Pseudo gospels**

.9 ***Other pseudepigrapha**

.91 *Old Testament

.911 *Historical books

.912 *Poetic books

Including Odes of Solomon

.913 *Prophetic books

Including Jewish apocalypses, Book of Enoch, Assumption of Moses, Vision of Isaiah, Apocalypse of Elias or Elijah

.914 *Testaments

Including Testament of the twelve patriarchs

.915 *Other books by or about the prophets

► 229.92–229.95 New Testament

Class pseudo gospels in 229.8

.92 *Acts of Apostles

.93 *Epistles

.94 *Apocalypses

.95 *Other

* Make standard subdivisions and divide as instructed under 222–224

► **230–270 Specific elements of Christian religion**

If preferred, class specific elements of specific denominations and sects in 280

230 Doctrinal theology (Dogma)

Scope: Biblical theology

Use 230.01–230.09 for standard subdivisions

.1–.9 **Doctrines of specific denominations and sects**

Divide like 281–289, e.g., Methodist doctrines 230.7

(Optional: specific doctrines of specific denominations and sects; prefer 231–236. If option is chosen, add 0 to number resulting from division like 281–289 and divide further like 231–236, e.g., Methodist doctrines on salvation 230.704)

► **231–236 Specific doctrines**

Scope: specific doctrines of specific denominations and sects; if preferred, class in 230.1–230.9

Class doctrines on church government, organization, nature in 262

231 God, Trinity, Godhead

.1 **God the Father, Creator**

.2 **God the Son, Redeemer**

For Jesus Christ, see 232

.3 **God the Holy Ghost (Holy Spirit), Giver of Life, Sanctifier**

.4 **Attributes**

Omniscience, omnipresence, omnipotence

.5 **Providence**

.6 **Love and wisdom**

.7 **Divine law**

Including Kingdom of God, sovereignty of God

.73 Miracles

Miraculous places, events, objects, cures

Including stigmata

231.74 Revelation

Vision and appearing of God, disclosure to men of divine purpose and superhuman knowledge

.8 **Theodicy**

Vindication of God's justice and goodness in permitting existence of evil and suffering

For Providence, see 231.5

232 Jesus Christ and his family

Including person and offices, royal office, priesthood, intercession of Jesus Christ

► **232.1–232.8 Christology**

For doctrines on life of Jesus, see 232.9

.1 **Incarnation and messiahship**

Including typology

.12 Messianic prophecies

.2 **Logos (Word of God)**

.3 **Atonement**

.4 **Sacrifice**

.5 **Resurrection**

.6 **Second coming**

.7 **Judgment**

.8 **Natures (Divinity and humanity)**

.9 **Doctrines on family and life of Jesus**

Use 232.900 01 – 232.900 09 for standard subdivisions

.900 1–.900 9 Standard subdivisions of life of Jesus

.901 Life of Jesus

Class specific events in 232.92, 232.95–232.97

.903 Character and personality of Jesus

.904 Influence of Jesus

.908 Historicity of Jesus

SUMMARY

232.91	Mary, mother of Jesus (Mariology)
.92	Infancy of Jesus
.93	Mary's husband and parents
.94	John the Baptist
.95	Public life of Jesus
.96	Passion and death of Jesus
.97	Resurrection, appearances, ascension of Jesus
.98	Agrapha

232.91 Mary, mother of Jesus (Mariology) [*formerly* 232.931]

.911 Immaculate Conception

.912 Annunciation

.913 Virginity

.914 Assumption (Ascent to heaven)

.915 Sanctity and virtues

.916 Spiritual powers

.92 Infancy of Jesus

Including Holy Family [*formerly* 232.93]

.921 Nativity

.922 Adoration of the shepherds

.923 Three wise men (Magi)

.924 Circumcision

.925 Massacre of innocents

.926 Flight into Egypt

.927 Childhood in Nazareth

.928 Presentation in temple

.929 Jesus among doctors in temple

.93 Mary's husband and parents

Class Holy Family [*formerly* 232.93] in 232.92

[.931] Mary, mother of Jesus (Mariology)

Class in 232.91

[.931 7] Sanctuaries and shrines

Class in 246.9

[232.931 8] Veneration, prayers, hymns

Class veneration in 248, prayers in 242.74, hymns in 245

.932 Joseph

Class veneration in 248, sanctuaries and shrines in 246.9 [*all formerly* 232.932]

.933 Joachim and Anne

Class veneration in 248, sanctuaries and shrines in 246.9 [*all formerly* 232.933]

.94 John the Baptist

.95 Public life of Jesus

Including baptism, temptation, calling of apostles

.954 Teachings

.956 Transfiguration

.957 Last Supper

.958 Last words to disciples

Class seven last words on cross [*formerly* 232.958] in 232.963 5

.96 Passion and death of Jesus

.961 Betrayal by Judas

.962 Trial and condemnation

.963 Crucifixion and death

.963 5 Seven last words on cross [*formerly* 232.958]

.964 Burial

.966 Relics of Passion

.967 Descent into hell

.97 Resurrection, appearances, ascension of Jesus

.98 Agrapha

Jesus's words not appearing in canonical Gospels

233 Man

Including moral and spiritual heredity, personality, natural and spiritual body

For future state of man, see 236.2; *intermediate state,* 236.4

.1 Creation and fall

.11 Creation of man

.14 Original sin and fall of man

.2 Sin

For original sin, see 233.14

.21 Mortal and venial sin

.22 Sins against the Holy Ghost

Class specific mortal and venial sins in 233.21

.4 Accountability

.5 The soul

.7 Freedom of choice between good and evil

234 Salvation (Soteriology)

.1 Grace

Including actual and sanctifying grace, merit, innate virtues, gifts of the Holy Ghost, righteousness, holiness, universal priesthood

.16 Sacraments

Divide like 265.1–265.7, e.g., baptism 234.161

.2 Faith

.3 Redemption

.4 Regeneration

.5 Repentance

.6 Obedience

.7 Justification

.8 Sanctification

.9 Predestination and free will

235 Invisible world

.2 Saints

Class veneration in 248, sanctuaries and shrines in 246.9 [*all formerly* 235.2]

For Mary's husband and parents, see 232.93; *John the Baptist,* 232.94

.24 Canonization and beatification

► 235.3–235.4 Spirits

.3 Angels

.4 Devils and demons

.47 Satan

236 Eschatology

.1 Death

.2 Future state of man (Life after death) [*formerly* 237]

Eternal reward and punishment

.21 Eternity

.22 Immortality

.23 Annihilationism (Conditional immortality)

.24 Heaven

.25 Hell

.3 Millennium

.4 Intermediate state of man

Probation after death

For purgatory, see 236.5; *limbo,* 236.6–236.7

.5 Purgatory

► 236.6–236.7 Limbo

.6 Limbo of fathers (Limbus patrum)

Abode of souls of the just who died before coming of Jesus Christ

.7 Limbo of infants (Limbus infantum)

Abode of souls of the unbaptized but just

236.8 **Ressurection of the dead**

.9 **Last judgment**

[237] **Future state of man (Life after death)**

Class in 236.2

238 **Creeds, confessions of faith, covenants, catechisms**

Class a specific doctrine with the subject

.1 **Early**

.11 Apostles' Creed

.14 Nicene and post-Nicene creeds of Western Church

Including Constantinopolitan Creed

.142 Nicene Creed

.144 Athanasian Creed

.19 Creeds and confessions of Eastern Church

Confession of Gennadius II, Answers of Jeremiah II, Confession of Metrophanes, Orthodox Confession of Peter Mogila, Confession of Dositheus

.2 **Later Roman Catholic**

Including Creed of Pius IV

.3–.9 **Other**

Divide like 283–289, e.g., Augsburg Confession 238.41

239 **Apologetics and polemics**

Exposition of Christian doctrines refuting alleged errors in other systems

Use 239.001–239.009 for standard subdivisions

Class apologetics and polemics on a specific doctrine with the subject

.1 **In apostolic times**

For polemics against doctrines of specific groups in apostolic times, see 239.2–239.4

► **239.2–239.4 Against doctrines of specific groups in apostolic times**

239.2 **Jews**

.3 **Pagans and heathens**

.4 **Neoplatonists**

► **239.5–239.9 Against doctrines of specific groups in post-apostolic times**

Class comprehensive post-apostolic defenses of and attacks on doctrines of a specific denomination or sect in 230.1–230.9; of a specific religion with the religion, e.g., doctrines of Judaism 296.3

.5 **Deists**

.6 **Encyclopedists**

.7 **Rationalists and agnostics**

.8 **Scientists and materialists**

For communists, see 239.9

.9 **Communists and other denials**

240 Moral and devotional theology

241 Moral theology

For conduct of Christian life, see **248.4**

.1 **Conscience**

.2 **Laws**

Natural, human, divine

For codes of conduct, see **241.5**

.3 **Sins and vices**

.4 **Virtues**

.5 **Codes of conduct**

► 241.52–241.54 Biblical precepts

.52 Ten Commandments

.54 Golden Rule

.57 Precepts of church

► **242–245 Devotional texts**

For texts used in public worship, see **264**

242 Prayers [*formerly* 248.37], meditations, contemplations

Class value of contemplation in **248.3**, devotional sermons in **252** [*both formerly* **242**]

.1 **Classics of meditation and contemplation**

Including Imitatio Christi of Thomas à Kempis

► **242.2–242.4 Prayers, meditations, contemplations for specific times and occasions**

.2 **Daily**

.3 **For religious occasions**

.33 Advent and Christmas

242.34 Lent

For Holy Week, see **242.35**

.35 Holy Week

.36 Easter

.37 Other feast and fast days

.4 **For consolation in times of illness, troubles, bereavement**

.6 **Meditations and contemplations for specific classes of persons**

Divide like **248.8**, e.g., meditations for young women **242.633**

Class meditations and contemplations for specific times and occasions in **242.2–242.4**

► **242.7–242.8 Prayers**

Class prayers for specific times and occasions in **242.2–242.4**

.7 **Specific prayers and groups of prayers**

.72 To God the Father, the Son, the Holy Ghost

.722 Lord's Prayer

.74 To Mary [*formerly* 232.931 8]

.742 Rosary

.75 To Joseph, Joachim, Anne

.76 To other saints

.8 **Collections of prayers**

For specific groups of prayers, see **242.7**

.801–.809 By specific denominations and sects

Divide like **281–289**, e.g., collections of private prayers for Methodists **242.807**

.82–.89 For specific classes of persons

Divide like **248.82–248.89**, e.g., collections of private prayers for young women **242.833**

243 Evangelistic writings

Works designed to convert readers, promote repentance

Class evangelistic sermons [*formerly* **243**] in **252**

244

245 **Hymns**

Without music

Including hymns to Mary [*formerly* 232.931 8]

Divide like 420–490, e.g., hymns in English 245.2

For metrical versions of Psalms, see 223.2

► **246–247 Art, artifacts, places**

246 **Symbolism and symbolic objects and places**

► **246.1–246.7 Art and decoration in Christian services and buildings**

.1 **Byzantine and Gothic symbolism**

.2 **Primitive church art**

.3 **Statuary and icons**

.4 **Protestantism and religious art**

.5 **Emblematic and cryptographic art**

.6 **Liturgic symbolism**

Altar, colors, lights

.7 **Music and rhythmic arts**

Including the dance

.9 **Buildings, sanctuaries, shrines**

Including sanctuaries and shrines to Mary [*formerly* 232.931 7], to Joseph [*formerly* 232.932], to Joachim and Anne [*both formerly* 232.933], to other saints [*formerly* 235.2]

247 **Sacred furniture, vestments, insignia**

.1 **Church furniture**

Fonts, baptisteries, lecterns, pulpits, tabernacles, rood screens, reredoses

.4 **Stained glass, mosaics, enamels**

.5 **Paintings**

247.6 **Insignias of rank**

.7 **Vestments and altar cloths**

.8 **Eucharistic vessels**

Chalice, ciborium, monstrance, paten, pyx

.9 **Ecclesiastical emblems**

Including banners, thuribles, incense

.92 Cross and crucifix

► **248–249 Practice of religion in personal and family life**

248 **Personal religion**

Christian religion as an inner experience and guide to daily living

Including veneration of Mary [*formerly* 232.931 8], of Joseph [*formerly* 232.932], of Joachim and Anne [*both formerly* 232.933], of other saints [*formerly* 235.2]

Class devotional texts in 242–245

.2 **Religious experience**

.22 Mysticism

.24 Converts and conversion

.242 Conversion of Protestants to Roman Catholicism

.244 Conversion of Roman Catholics to Protestantism

.246 Conversion of non-Christians to Christianity

.25 Moral rearmament

.27 Self-discipline

Aids to perfection

.272 Strict self-denial

.273 Fasting and abstinence

.274 Other austerities and self-denials

.29 Other

Including stigmata, pilgrimages

248.3 **Private worship, prayer, meditation, contemplation**
Including value of contemplation [*formerly* **242**]

[.37] Prayers
Class in **242**

.4 **Conduct of Christian life**
Application of Christian virtues to everyday living

.42 General guides

.48 Guides for specific denominations and sects
Divide like **281–289**, e.g., Roman Catholic guides **248.482**

.5 **Witness bearing**

.8 **Personal Christianity for specific classes of persons**
Class a specific aspect with the subject

► 248.82–248.85 For specific age groups
For personal Christianity for other groupings of persons, see **248.86–248.89**

.82 Children

.83 Young adults (Adolescents)
Scope: students

.832 Men
.833 Women

.84 Adults
For personal Christianity for aged, see **248.85**

.842 Men
.843 Women

.85 Aged

► 248.86–248.89 For other groupings of persons

248.86 Afflicted

.88 Working and professional classes
Including those engaged in specific occupations
For personal Christianity for religious groups, see **248.89**

.89 Religious groups
.892 Clergy and lay ministers
Priests, ministers, rectors, vicars, elders, deacons

.894 Persons in religious orders
Religious and monastic life [*formerly* **271**]

.894 2 Men
.894 22 Vocation
.894 25 Selection and novitiate
.894 28 Rules
Including vows of poverty, chastity, obedience

.894 3 Women
.894 32 Vocation
.894 35 Selection and novitiate
.894 38 Rules
Including vows of poverty, chastity, obedience

249 **Christian worship in family life**

► 250–260 Practical theology

250 Pastoral theology, parishes, religious orders

Use **250.01–250.09** for standard subdivisions

For public worship, see **264**; *missions,* **266**; *religious training and instruction,* **268**

.1–.9 **Standard subdivisions of pastoral theology**

► 251–253 Pastoral theology

251 Preaching (Homiletics)

Use **251.001–251.009** for standard subdivisions

For sermons, see **252**

.01 Preparation

.02 Sermon outlines

.03 Delivery

Voice, expression, gesture

.07 Radio and television preaching

.08 Homiletic illustrations

252 Sermons

Scope: devotional sermons [*formerly* **242**], evangelistic sermons [*formerly* **243**]

Use **252.001–252.009** for standard subdivisions

Class sermons on a specific subject with the subject

.01–.09 By specific denominations and sects

Divide like **281–289**, e.g., Anglican sermons **252.03**

► **252.1–252.9 For specific occasions and audiences**

.1 **For baptisms, confirmations, weddings, funerals**

For memorial sermons, see **252.9**

.5 **For specific classes of persons**

.53 Children

.55 Young adults (Adolescents)

Including academic, chapel, convocation, commencement sermons

252.56 Afflicted and aged

.58 Working and professional classes

.59 Religious groups

.592 Clergy

Priests, ministers, rectors, vicars, elders, deacons

.594 Persons in religious orders

Monks, friars, nuns

.6 **For church and public occasions**

► 252.61–252.67 Church year

.61 Advent and Christmas

.62 Lent and Holy Week

.63 Easter

.67 Other feast and fast days

.68 Secular occasions

Including elections, thanksgivings, holidays

.7 **For consecrations, ordinations, installations**

.9 **For memorial occasions**

253 Pastor

.2 **Life and person**

Qualifications, celibacy, wife, family

► **253.5–253.7 Duties and responsibilities**

For preaching, see **251**

.5 **Counseling**

.7 **Evangelism**

.73 Outdoor

.75 In prisons

.76 In homes

.78 By radio and television

254 **Parish government and administration**

Use 254.001–254.009 for standard subdivisions

Class parish office methods [*formerly* 254] in 651

.01–.09 By specific denominations and sects

Divide like 281–289, e.g., government and administration of Roman Catholic parishes 254.02

.2 **In specific kinds of communities**

Divide like area notation 173, e.g., government and administration of rural parishes 254.24

.3 **Radio and television work**

.4 **Public relations and publicity**

For radio and television work, see 254.3

.5 **Membership**

Promotion and service

.6 **Programs**

Planning and executing

.7 **Buildings and equipment**

.8 **Finance**

Budget, income, methods of raising money, expenditures

Class compensation of clergymen [*formerly* 254.8] in 331.2

255 **Religious congregations and orders (Monasticism)**

Government, organization, administration

Use 255.001–255.009 for standard subdivisions

Divide like 271.01–271.98, e.g., Jesuits 255.5

256

257

258 **Parochial welfare work**

Provision by parish and religious orders of assistance, guidance, cheer to disadvantaged members of parish

259 **Other parochial activities by parish and religious orders**

Recreation, work with children, soldiers, students, foreigners

► 260–280 Christian church

Class local church in 250

260 **Social and ecclesiastical theology**

Institutions, services, observances, disciplines, work of Christianity and Christian church

Including Christian church and the apostate and indifferent

261 **Social theology**

Attitude of Christianity toward and influence on secular matters and other religions

.2 **Christianity and other religions**

.5 **Christianity and intellectual development**

Including attitude toward science [*formerly* 261.75], growth of knowledge

[.6] **Christianity and world order**

Class in 261.87

.7 **Christianity and civil government**

Attitude toward and influence on political activities and ideologies

.72 Religious freedom

.73 Theocracy (Supremacy of church over civil government)

[.75] Attitude toward science

Class in 261.5

.8 **Christianity and socioeconomic problems**

For Christianity and civil government, see 261.7

.83 Social problems

.85 The economic order

.87 International affairs

Including Christianity and world order [*formerly* 261.6]

.873 War and peace

Including attitude of Christianity toward pacifism, conscientious objectors

262 Church government, organization, nature (Ecclesiology)

Use 262.000 1 – 262.000 9 for standard subdivisions

.001 Philosophy and theory of government and organization

Including ecumenicalism [*formerly* 280.1]

.002–.009 Other standard subdivisions of government and organization

.01–.09 Government and organization of specific denominations and sects

Divide like 281–289, e.g., government and organization of the Methodist Church 262.076

SUMMARY

262.1 Governing leaders
.2 Parishes and religious orders in church organization
.3 Systems governed by episcopacy
.4 Systems governed by election
.5 General (Ecumenical) councils
.7 Nature of the church
.8 Church and ministerial authority
.9 Church law and discipline

.1 **Governing leaders**

.11 Apostolic succession

► 262.12–262.15 By rank

.12 Bishops and archbishops

.13 Popes and their administration

.131 Papal infallibility

.132 Temporal power of the pope

Including extranationality

.135 College of Cardinals

.136 Administration

Congregations, tribunals, offices of Curia Romana

For College of Cardinals, see 262.135

.14 Local clergy

262.15 Laity

► 262.17–262.19 By system of government

.17 Episcopal system

.18 Presbyterian system

.19 Congregational system

.2 **Parishes and religious orders in church organization**

.22 Parishes

For parish government and administration, see 254

.24 Religious congregations and orders

For government, organization, administration of religious congregations and orders, see 255

► **262.3–262.4 Government and organization of specific church systems**

Class a specific aspect with the subject, e.g., parishes 262.22

.3 **Systems governed by episcopacy**

Sees, dioceses, cathedral systems

.4 **Systems governed by election**

Synods, presbyteries, congregations

.5 **General (Ecumenical) councils**

[.6] **Canons and decrees**

Class in 262.91–262.93

.7 **Nature of the church**

.72 Attributes, marks, notes

Apostolicity, catholicity, holiness, unity, credibility, infallibility, necessity, visibility and invisibility

.73 Communion of saints

.77 Mystical body of Christ

262.8 **Church and ministerial authority**

[.82] Encyclicals, papal bulls and decrees

Class in **262.91**

.9 **Church law [*formerly* 348] and discipline**

Canon or ecclesiastical law

► 262.91–262.93 Roman Catholic

Scope: canons and decrees [*both formerly* **262.6**]

.91 Acts of the Holy See

Encyclicals, papal bulls and decrees [*all formerly* **262.82**], briefs, apostolic letters

.92 Early codes and treatises on them

.922 To Gratian, ca. 1140

.923 Corpus iuris canonici

.924 Quinque compilationes antiquae

.925 Other

.93 Codex iuris canonici (1917)

.931 General principles (Canons 1–86)

.932 Persons (Canons 87–725)

Clergy, religious, laity

.933 Things (Canons 726–1551)

Sacraments, sacred times and places, worship, teaching office, benefices, temporal goods

.934 Procedure (Canons 1552–2194)

Trials, cases of beatification and canonization

.935 Crimes and penalties (Canons 2195–2414)

.98 Other denominations

Divide like **281–289**, e.g., Anglican ecclesiastical law **262.983**

263 **Days and times of religious observance**

► 263.1–263.8 Sabbath and Sunday

.1 **Biblical Sabbath**

.2 **Observance of seventh day**

.3 **Christian Sunday**

For Sunday observance, see **263.4**

.4 **Sunday observance**

[.8] **Laws on Sunday observance**

Class in **340**

.9 **Other days and times**

.91–.97 Church year

Divide like **252.61–252.67**, e.g., observance of Advent **263.91**

.98 Specific saints' days

264 **Public worship**

Divine services, religious ceremonies, their conduct and texts

Scope: liturgical use of Psalms [*formerly* **223.5**]

Use **264.001–264.009** for standard subdivisions

For Sunday school services, see **268.7**; *other rites, ceremonies, ordinances,* **265**

► 264.01–264.09 By specific denominations and sects

.01 Primitive and Oriental churches

Divide like **281**, e.g., liturgy and ritual of Eastern Orthodox churches **264.019**

.02 Roman Catholic Church

Use **264.020 01 – 264.020 08** for standard subdivisions

.020 09 Historical and geographical treatment [*formerly* 264.029]

.020 1–.020 9 Specific elements

History, meaning, place in public worship

Divide like **264.1–264.9**, e.g., scripture readings **264.020 3**

► 264.021–264.028 Texts of liturgy, ritual, prayers

264.021 Calendars and ordos

.022 Ceremonials

Class lectionary [*formerly* **264.022**] in **264.024**

.023 Missals

Including epistles, gospels [*both formerly* **264.026**]

Class morning prayer [*formerly* **264.023**] in **264.024**

.024 Breviaries

Including lectionary [*formerly* **264.022**], morning prayer [*formerly* **264.023**]

For psalter, see **264.028**

.025 Rituals

[.026] Epistles and gospels

Class in **264.023**

.027 Special books

.027 2 For specific times of year

Including Holy Week

.027 4 For special liturgical services

Including Forty Hours devotion

.028 Psalter

[.029] Historical and geographical treatment

Class in **264.020 09**

.03 Anglican churches

Use **264.030 01 – 264.030 08** for standard subdivisions

.030 09 Historical and geographical treatment [*formerly* 264.039]

.030 1–.030 9 Specific elements

History, meaning, place in public worship

Divide like **264.1–264.9**, e.g., prayer **264.030 1**

► 264.031–264.038 Texts of liturgy, ritual, prayers

264.031 Calendars, festivals, fasts

.032 Lectionary and rubrics

.033 Morning prayer and litany

.034 Evening prayer and vespers

.035 Sacraments, ordinances, services

.036 Collects, epistles, gospels

.037 Ordinal, articles, creeds

.038 Psalter

[.039] Historical and geographical treatment

Class in **264.030 09**

.04–.09 Other specific denominations

Divide like **284–289**, e.g., Methodist Episcopal services **264.076**

► **264.1–264.9 Specific elements**

Class specific elements in public worship of specific denominations and sects in **264.01–264.09**

.1 Prayer

Scope: comprehensive works on public and private prayer

For private prayer, see **248.3**

.13 Prayers

Including litanies

.2 Music

Class musical scores and parts in **783**

.3 Scripture readings and the Mass

.4 Responsive readings

.5 Creeds and confessions of faith

Class texts in **238**

.6 Sermons, exhortations, instructions

Class texts of sermons in **252**

264.7 **Prayer meetings, Holy Hours, novenas**

.9 **Sacramentals**

For consecrations and dedications, see 265.92

265 Other rites, ceremonies, ordinances

Scope: preparation, instruction, performance

Use 265.001–265.009 for standard subdivisions

.01–.09 Standard subdivisions of sacraments

► 265.1–265.7 Sacraments

Class liturgy and ritual of sacraments in specific denominations in 264.01–264.09

.1 **Baptism**

.12 Infant

.13 Adult

.2 **Confirmation**

.3 **Eucharist, Holy Communion, Lord's Supper**

Including transubstantiation

For viaticum, see 265.7

.4 **Holy Orders**

.5 **Matrimony**

.6 **Penance**

.61 Contrition

Examination of conscience, prayers preparatory to confession

.62 Confession

.63 Satisfaction

Penitential prayers and acts for the remission of sin

.64 Absolution

.65 Censures

Excommunication, suspension, interdiction, withholding absolution

.66 Indulgences

265.7 **Anointing of the sick and viaticum**

Including extreme unction

.8 **Rites in illness and death**

.82 Religious ceremonies for the afflicted

For anointing of the sick, see 265.7

.85 Religious ceremonies for the dead

.9 **Other acts**

Including love feasts (agapes), foot washing, laying on of hands, exorcism, ceremonies of joining church

.92 Consecrations and dedications

266 Missions [*formerly also* 274–279]

Scope: missionary societies

Use 266.001–266.009 for standard subdivisions

For mission schools, see 377.6

.02 Kinds of missions

[.021] Missionary stories

Class in 266.09

.022 Home

.023 Foreign

.025 Medical

.09 Missionary stories [*formerly* 266.021]

.1–.9 **Of specific denominations and sects**

Divide like 281–289, e.g., Seventh-Day Adventist missions 266.673

267 Associations for religious work

For missionary societies, see 266; *religious congregations and orders,* 255

.1 **Of both men and women**

.15 Salvation Army

.18 Of specific denominations and sects

Divide like 281–289, e.g., Baptist Adult Union 267.186

267.2 **Of men**

.23 Interdenominational and nondenominational

For Young Men's Christian Associations, see 267.3

.24 Of specific denominations and sects

Divide like 281–289, e.g., Baptist societies 267.246

.3 **Young Men's Christian Associations**

[.309] Historical and geographical treatment

Do not use; class in 267.39

.31 Program and objectives

.32 Buildings and equipment

.33 Organization and administration

.34 Staff

Duties, qualifications, training

.35 Departments

Religious, educational, physical, boys'

.36 Work among special classes

Service to travelers, foreign and racial groups, migrants

.39 Historical and geographical treatment

Add area notations 1–9 to 267.39

.4 **Of women**

Divide like 267.2, e.g., Baptist societies 267.446

For Young Women's Christian Associations, see 267.5

.5 **Young Women's Christian Associations**

Divide like 267.3, e.g., staff 267.54

267.6 **Of young adults**

.61 Interdenominational and nondenominational

For Young Men's Christian Associations, see 267.3; *Young Women's Christian Associations,* 267.5

.613 Young People's Society of Christian Endeavor

.62 Of specific denominations and sects

Divide like 281–289, e.g., Methodist Young People's Society 267.627

.7 **Of boys**

For Young Men's Christian Associations, see 267.3

.8 **Of girls**

For Young Women's Christian Associations, see 267.5

268 Religious training and instruction

In Sunday schools, church schools, vacation Bible schools

For religious instruction in nonsectarian schools, see 377.1

► **268.1–268.7 Specific elements**

.1 **Administration**

.2 **Buildings and equipment**

.3 **Personnel**

.4 **Teaching departments and divisions**

Organization, methods, records, rules, services

.43 Specific departments and divisions

.432 Children's division (Ages 1–12)

Cradle roll, beginners', primary, junior departments

.433 Young people's division

Intermediate, senior departments

.434 Adult division

Men's, women's departments

.435 Home departments

268.5 **Records and rules**

Attendance, promotion, prizes, decorations, honor rolls

Class records and rules for specific departments and divisions in **268.43**

.6 **Methods of instruction and study**

Scope: curriculums

Class methods for specific age groups in **268.43**

.61 Textbooks

For catechisms, see **238**

.62 Textbook method

For textbooks, see **268.61**

.63 Lecture and audio-visual methods

.632 Lecture method

.635 Audio-visual methods

.67 Dramatic method

.68 Laboratory methods

.7 **Services**

Order of service, music, rallies, anniversaries, special days and festivals

Class services for specific departments and divisions in **268.43**

.8 **Specific denominations and sects**

Divide like **281–289**, e.g., Presbyterian religious training and instruction **268.85**

For specific elements, see **268.1–268.7**

269 Organized spiritual renewal

.2 **Revivals and camp meetings**

.6 **Retreats**

Divide like **248.8**, e.g., retreats for men **269.642**

270 Historical and geographical treatment of Christian church

Use **270.01–270.08** for standard subdivisions

For denominations and sects, see **280**

► **270.1–270.8 Historical periods**

.1 **Apostolic period to 325**

.2 **Period of ecumenical councils, 325–787**

.3 **Struggle between papacy and empire, 787–1054**

.38 Great schism, 1054

.4 **Period of papal supremacy, 1054–1200**

.5 **Late Middle Ages to Renaissance, 1200–1517**

.6 **Reformation and Counter-Reformation, 1517–1648**

.7 **Peace of Westphalia to French Revolution, 1648–1789**

.8 **Modern church, 1789–**

.81 19th century, 1789–1900

.82 20th century, 1900–

► **271–273 Special topics of church history**

271 Religious congregations and orders

Use **271.001–271.009** for standard subdivisions

Class religious and monastic life [*formerly* 271] in **248.894**

► 271.01–271.09 Specific kinds

.01 Contemplative

.02 Eremitical

.03 Teaching

.04 Preaching

.05 Military

.06 Mendicant

.07 Nursing

.08 Canons regular

271.09 Brothers, lay brothers, third orders
.092 Brothers
.093 Lay brothers
.094 Third orders

► 271.1–271.8 Specific orders of men

► 271.1–271.7 Roman Catholic

.1 Benedictines
Including Celestines, Cluniacs

.12 Cistercians (Bernardines)
.125 Trappists
.13 Olivetans

.2 Dominicans (Friars Preachers, Black Friars)

.3 Franciscans (Gray Friars)
Including Observants, Recollects, Alcantarines

.36 Capuchins
.37 Conventuals

.4 Augustinians
Including Augustinian Recollects

.5 Jesuits (Society of Jesus)

.6 Passionists and Redemptorists
.62 Passionists
.64 Redemptorists

.7 Other
.71 Carthusians
.73 Carmelites (White Friars)
.75 Sulpicians
.76 Oblates
.77 Lazarists
.78 Christian Brothers (Brothers of the Christian Schools)

271.79 Other orders
Including specific orders of knighthood, e.g., Knights of Malta

.8 Non-Roman Catholic

.9 Of women
Sisterhoods, convents, nunneries
Use **271.900 1 – 271.900 9** for standard subdivisions

.901–.909 Specific kinds
Divide like **271.01–271.09**, e.g., contemplative orders [*formerly* **271.96**] **271.901**

► 271.91–271.98 Specific orders

► 271.91–271.97 Roman Catholic

.91 Sisters of Charity
Including Sisters of Charity of Saint Vincent de Paul

.92 Sisters of Mercy
.93 Sacred Heart orders
.94 Sisters of Bon Secours
.95 Little Sisters of the Poor
[.96] Contemplative nuns
Class in **271.901**

.97 Other
.971 Carmelites
.972 Dominicans
.973 Franciscans (Poor Clares)
.974 Ursulines
.975 Visitation orders
.976 Saint Joseph orders
.977 Presentation orders
.979 Other orders
.98 Non-Roman Catholic

272 **Persecutions**

.1 Of Apostolic Church by imperial Rome, 1st–4th centuries

.2 By Inquisition

.3 Of Waldenses and Albigenses, 11th–12th centuries

.4 Of Huguenots

.5 Of Molinists and Quietists

.6 Of Anglican reformers by Mary I

.7 Of Roman Church by Elizabeth I and the Anglicans

.8 Of Quakers, Baptists, witches by Puritans and others

.9 Other

273 **Heresies**

.1 Gnostic heresies

.2 Third-century heresies

Including mystic heresy

.23 Manicheism

.25 Parsee dualism

.3 Sabellian heresy

.4 Arian heresy

.5 Pelagian heresy

.6 Antinomian heresy

.7 Molinist, Jansenist, Pietist heresies

.8 Agnostic heresy

.9 Other heresies

► **274–279 Treatment by continent, country, locality**

Class missions [*formerly* 274–279] in 266

Class geographical treatment of a specific element of the Christian church with the subject

274 **Europe**

Add area notation 4 to 27, e.g., Christian church in France 274.4

275 **Asia**

Add area notation 5 to 27, e.g., Christian church in Japan 275.2

276 **Africa**

Add area notation 6 to 27, e.g., Christian church in South Africa 276.8

277 **North America**

Add area notation 7 to 27, e.g., Christian church in Pennsylvania 277.48

278 **South America**

Add area notation 8 to 27, e.g., Christian church in Brazil 278.1

279 **Other parts of world**

Add area notation 9 to 27, e.g., Christian church in Australia 279.4

280 Denominations and sects

Scope: general historical and geographical treatment of, comprehensive works on specific denominations and sects and their individual local churches

Use 280.01–280.09 for standard subdivisions

(Optional: specific elements of specific denominations and sects, subarranged as below; prefer 230–270)

To subarrange specific elements, divide each specific denomination, sect, group as follows:

001–008	Standard subdivisions
[009]	Historical and geographical treatment Do not use; class in 07
02	Basic textual sources Class Bible in 220
03–06	Doctrinal and practical theology Divide like 230–260, e.g., the denomination and world order 061 87
07	Historical and geographical treatment Divide like 270, e.g., 20th century 070 82

[.1] **Ecumenicalism**

Class in 262.001

► 280.2–280.4 Branches

Class specific denominations and sects in 281–289

.2 **Catholicism**

.4 **Protestantism** [*formerly* 284]

281 Primitive and Oriental churches

► 281.1–281.4 Apostolic Church to time of great schism, 1054

Scope: works of apostolic and church fathers

Class general history in 270.1–270.3, comprehensive works in 281.1

.1 **Comprehensive works**

For specific periods, see 281.2–281.4

► 281.2–281.4 Specific periods

.2 **Primitive Apostolic Church to 100**

281.3 **Ante-Nicene church, 100–325**

.4 **Post-Nicene church, 325–1054**

.5 **Oriental churches**

For specific Oriental churches, see 281.6–281.9

► 281.6–281.9 Specific Oriental churches

.6 **Monophysite**

Including Eutychian

.62 Armenian

.63 Jacobite

.7 **Coptic and Abyssinian**

.8 **Nestorian**

.9 **Eastern Orthodox**

.909 Historical and geographical treatment

Class treatment by continent, country, locality in 281.94–281.99

.93 Specific churches

Greek, Russian, Syrian, Ukrainian, other

For treatment by continent, country, locality, see 281.94–281.99

.94–.99 Treatment by continent, country, locality

Add area notations 4–9 to 281.9

282 Roman Catholic Church

Class Oriental churches in communion with Rome in 281.5–281.8

.09 Historical and geographical treatment

Class treatment by continent, country, locality in 282.4–282.9

.4–.9 **Treatment by continent, country, locality**

Add area notations 4–9 to 282

283 Anglican churches

.09 Historical and geographical treatment

Class treatment by continent, country, locality in **283.4–283.9**

.3 Specific branches

Including Reformed Episcopal Church and its affiliates

For treatment by continent, country, locality, see **283.4–283.9**

.4–.9 Treatment by continent, country, locality

Add area notations **4–9** to **283**

284 Protestant denominations of Continental origin

Class comprehensive works on Protestantism [*formerly* **284**] in **280.4**

For Baptist churches, see **286.1–286.5**; *Church of the New Jerusalem,* **289.4**; *Mennonites,* **289.7**

.1 Lutheran churches

Scope: Scandinavian Lutheran churches [*formerly* **284.7**]

.109 Historical and geographical treatment

Class treatment by continent, country, locality in **284.14–284.19**

.13 Specific churches, branches, synods

For treatment by continent, country, locality, see **284.14–284.19**

.14–.19 Treatment by continent, country, locality

Add area notations **4–9** to **284.1**

.2 Calvinistic and Reformed churches in Europe

.209 Historical and geographical treatment

Class treatment by continent, country, locality in **284.24–284.29**

.23 Specific churches and branches

For Huguenots, see **284.5**; *treatment by continent, country, locality,* **284.24–284.29**

.24–.29 Treatment by continent, country, locality

Add area notations **4–9** to **284.2**

284.3 Hussites and Anabaptists

.4 Albigenses and Waldenses

.5 Huguenots

.6 Moravians

For Hussites, see **284.3**

.609 Historical and geographical treatment

Class treatment by continent, country, locality in **284.64–284.69**

.64–.69 Treatment by continent, country, locality

Add area notations **4–9** to **284.6**

[.7] Scandinavian Lutheran churches

Class in **284.1**

.8 Modern schisms in Catholic Church

Including Old Catholic, Gallican schismatics, Constitutional Church, Little Church of France

.84 Jansenists

.9 Arminianism and Remonstrants

285 Presbyterian, American Reformed, Congregational churches

Use **285.001–285.009** for standard subdivisions

.01–.09 Standard subdivisions of Presbyterian churches

► **285.1–285.2 Presbyterian churches**

(If option under **280** is followed, use **285.000 1 – 285.000 9** for standard subdivisions of Presbyterian, American Reformed, Congregational churches, **285.001–285.008** for standard subdivisions of Presbyterian churches, **285.02–285.07** for specific elements of Presbyterian churches)

285.1 **United States origin**

Scope: Cumberland Presbyterian Church [*formerly* 285.3], United Presbyterian Church of North America [*formerly* 285.4], Reformed Presbyterian churches [*formerly* 285.5], other sects [*formerly* 285.6]

.109 Historical and geographical treatment

Class treatment by continent, country, locality in 285.14–285.19

.13 Specific denominations

For treatment by continent, country, locality, see 285.14–285.19

.131 United Presbyterian Church in the United States of America

.132 Presbyterian Church in the United States of America

.133 Presbyterian Church in the United States

.134 United Presbyterian Church of North America

.135 Cumberland Presbyterian Church

.136 Reformed Presbyterian churches

.14–.19 Treatment by continent, country, locality

Add area notations 4–9 to 285.1

.2 **British Commonwealth origin**

.209 Historical and geographical treatment

Class treatment by continent, country, locality in 285.24–285.29

.24–.29 Treatment by continent, country, locality

Add area notations 4–9 to 285.2

For United Church of Canada, see 287.92

[.3] **Cumberland Presbyterian Church**

Class in 285.1

[.4] **United Presbyterian Church of North America**

Class in 285.1

[285.5] **Reformed Presbyterian churches**

Class in 285.1

[.6] **Other Presbyterian sects**

Class in 285.1

.7 **Reformed churches in America**

.709 Historical and geographical treatment

Class treatment by continent, country, locality in 285.74–285.79

.73 Specific denominations

For treatment by continent, country, locality, see 285.74–285.79

.731 Christian Reformed Church

.732 Reformed Church in America (Dutch)

.733 Reformed Church in the United States (German)

.734 Evangelical and Reformed Church

.74–.79 Treatment by continent, country, locality

Add area notations 4–9 to 285.7

.8 **Congregationalism**

.809 Historical and geographical treatment

Class treatment by continent, country, locality in 285.84–285.89

.83 Specific denominations

For treatment by continent, country, locality, see 285.84–285.89

.832 Congregational Churches

For United Church of Canada, see 287.92

.833 Congregational Christian Churches

For Christian Church, see 286.63

.834 United Church of Christ

For Evangelical and Reformed Church, see 285.734

285.84–.89 Treatment by continent, country, locality

Add area notations **4–9** to **285.8**, e.g., United Church of Christ in Pennsylvania **285.874 8**

.9 **Puritanism**

286 Baptist, Disciples of Christ, Adventist churches

Use **286.001–286.009** for standard subdivisions

.01–.09 Standard subdivisions of Baptist churches

► **286.1–286.5 Baptist churches**

(If option under **280** is followed, use **286.000 1 – 286.000 9** for standard subdivisions of Baptist, Disciples of Christ, Adventist churches, **286.001–286.008** for standard subdivisions of Baptist churches, **286.02–286.07** for specific elements of Baptist churches)

.1 **Regular (Calvinistic) Baptists**

.109 Historical and geographical treatment

Class treatment by continent, country, locality in **286.14–286.19**

.13 Specific denominations

For treatment by continent, country, locality, see **286.14–286.19**

.131 American (Northern) Baptist Convention

.132 Southern Baptist Convention

.133 National (Negro) Baptist Convention

.14–.19 Treatment by continent, country, locality

Add area notations **4–9** to **286.1**

.2 **Freewill Baptists**

.3 **Seventh-Day Baptists**

.4 **Old School Baptists**

Including Primitive, Antimission, Hard-Shell Baptists

.5 **Other**

Including Dunkers, Church of the Brethren

286.6 **Disciples of Christ (Campbellites)**

.609 Historical and geographical treatment

Class treatment by continent, country, locality in **286.64–286.69**

.63 Specific denominations

Including Christian Church, Church of Christ

For treatment by continent, country, locality, see **286.64–286.69**

.64–.69 Treatment by continent, country, locality

Add area notations **4–9** to **286.6**

.7 **Adventists**

.709 Historical and geographical treatment

Class treatment by continent, country, locality in **286.74–286.79**

.73 Specific denominations

Seventh-Day Adventists, Church of God (Adventists), Advent Christian Church

For treatment by continent, country, locality, see **286.74–286.79**

.74–.79 Treatment by continent, country, locality

Add area notations **4–9** to **286.7**

287 Methodist churches

.1 **Wesleyan Methodist Church**

.109 Historical and geographical treatment

Class treatment by continent, country, locality in **287.14–287.19**

.14–.19 Treatment by continent, country, locality

Add area notations **4–9** to **287.1**

.4 **Primitive Methodist Church**

.409 Historical and geographical treatment

Class treatment by continent, country, locality in **287.44–287.49**

287.44–.49 Treatment by continent, country, locality

Add area notations **4–9** to **287.4**

.6 The Methodist Church

.609 Historical and geographical treatment

Class treatment by continent, country, locality in **287.64–287.69**

.63 Specific divisions

For Methodist Protestant Church, see **287.7**; *treatment by continent, country, locality,* **287.64–287.69**

.632 Methodist Episcopal Church

.633 Methodist Episcopal Church, South

.64–.69 Treatment by continent, country, locality

Add area notations **4–9** to **287.6**

.7 Methodist Protestant Church

.8 Negro Methodist churches in United States

.83 Specific denominations

African Methodist Episcopal Church, African Methodist Episcopal Zion Church, Christian Methodist Episcopal Church

For treatment by continent, country, locality, see **287.84–287.89**

.84–.89 Treatment by continent, country, locality

Add area notations **4–9** to **287.8**

.9 Other Methodist churches

.92 United Church of Canada

.97 Other

Including Free Methodist Church of North America, Congregational Methodist Church

288 Unitarianism

Scope: Socinianism, Anti-Trinitarianism

.09 Historical and geographical treatment

Class treatment by continent, country, locality in **288.4–288.9**

.3 Specific denominations

Class treatment by continent, country, locality in **288.4–288.9**

.32 Unitarian Universalist Association

For Universalist Church, see **289.1**

.33 Unitarian Church

.4–.9 Treatment by continent, country, locality

Add area notations **4–9** to **288**

289 Other denominations and sects

.1 Universalist Church

.109 Historical and geographical treatment

Class treatment by continent, country, locality in **289.14–289.19**

.14–.19 Treatment by continent, country, locality

Add area notations **4–9** to **289.1**

.2 [Permanently unassigned]

If it is desired to give local emphasis and a shorter number to a specific denomination or sect not separately provided for, class it here

289.3 **Latter-Day Saints (Mormons)**

.309 Historical and geographical treatment

Class treatment by continent, country, locality in **289.34–289.39**

.32 Sources (Sacred books)

.322 Book of Mormon

.33 Specific branches

Church of Jesus Christ of Latter-Day Saints, Reorganized
Church of Jesus Christ of Latter-Day Saints

For treatment by continent, country, locality, see **289.34–289.39**

.34–.39 Treatment by continent, country, locality

Add area notations **4–9** to **289.3**

.4 **Church of the New Jerusalem (Swedenborgianism)**

.409 Historical and geographical treatment

Class treatment by continent, country, locality in **289.44–289.49**

.44–.49 Treatment by continent, country, locality

Add area notations **4–9** to **289.4**

.5 **Church of Christ, Scientist (Christian Science)**

.509 Historical and geographical treatment

Class treatment by continent, country, locality in **289.54–289.59**

.52 Sources

.522 By Mary Baker Eddy

.523 Others

.54–.59 Treatment by continent, country, locality

Add area notations **4–9** to **289.5**

289.6 **Society of Friends (Quakers)**

.609 Historical and geographical treatment

Class treatment by continent, country, locality in **289.64–289.69**

.63 Specific branches

Orthodox and Hicksite

For treatment by continent, country, locality, see **289.64–289.69**

.64–.69 Treatment by continent, country, locality

Add area notations **4–9** to **289.6**

.7 **Mennonites**

.709 Historical and geographical treatment

Class treatment by continent, country, locality in **289.74–289.79**

.73 Specific branches

Amish, Church of God in Christ, Defenceless Mennonites, General Conference Mennonites, Hutterian Brethren

For treatment by continent, country, locality, see **289.74–289.79**

.74–.79 Treatment by continent, country, locality

Add area notations **4–9** to **289.7**

.8 **Shakers**

United Society of True Believers in Christ's Second Appearing

.9 **Others**

Including Assemblies of God, Churches of God, Church of the Nazarene, Jehovah's Witnesses, Pentecostal Assemblies, New Thought, United Brethren, Unity School of Christianity

If desired, class a specific denomination or sect requiring local emphasis in **289.2**

For Salvation Army, see **267.15**

290 Other religions and comparative religion

Scope: ecclesiastic laws [*formerly* 348]

291 Comparative religion

[.012] Classification

Do not use; class in 291.14

SUMMARY

291.1	Relationships and attitudes of religions
.2	Doctrinal theologies (Dogmas)
.3	Forms of worship and other rites and ceremonies
.4	Personal religion
.5	Moral theology
.6	Leaders and organization
.7	Activities inspired by religious motives
.8	Sources
.9	Sects and reform movements

.1 Relationships and attitudes of religions

[.12] Religious emotions

Class in 200.19

.13 Mythological foundations

Constituent elements, growth, changes in form of religious myths

.14 Classification of religions

Polytheistic, pantheistic, monotheistic

.17 Social theologies

Attitude of religions toward and influence on secular matters and other religions

Divide like 261, e.g., attitude of religions toward science 291.175

.2 Doctrinal theologies (Dogmas)

.21 Objects of worship and veneration

Attributes and functions

.211 Gods, goddesses, other divinities and deities

Including animism, spiritism

291.212 Nature

Sun, water, fire, trees, sex, other natural phenomena

.213 Persons

Ancestors, the dead, monarchs, heroes, saints

.214 Personified abstractions

.215 Angels and other good spirits

Servants and messengers of divinity

.216 Devils, demons, other evil spirits

.218 Images of divinity

.22 Man and his soul

Creation, sin, salvation, repentance, atonement

.23 Eschatology

Death, resurrection, immortality, other worlds, heaven, purgatory, hell, rewards, punishments, reincarnation

.3 Forms of worship and other rites and ceremonies

For personal religion, see 291.4

.32 Divination

Omens, oracles, prophecies

.33 Witchcraft

.34 Offerings, sacrifices, penances

.35 Sacred places

Holy buildings, temples, shrines, pagodas, grottoes

.36 Sacred times

Liturgic year, religious calendar, religious festivals

.37 Symbolism, symbolic objects, emblems

.38 Rites and ceremonies

Liturgy, public prayer, public feasts and fasts, pilgrimages, processions

291.4 **Personal religion**

Religion as an inner experience and guide to daily living

For moral theology, see 291.5

.42 Religious experience

Mysticism, conversion, asceticism, self-discipline

.43 Private worship, prayer, meditation, contemplation

.44 Conduct of life

Application of religious virtues to everyday living

.5 **Moral theology**

Conscience, sins, vices, virtues, duties

.6 **Leaders and organization**

► 291.61–291.64 Leaders and their work

.61 Priests, ministers, pastors

Class messiahs [*formerly* 291.61] in 291.63

.62 Men endowed with supernatural power

Thaumaturgists, sorcerers, magicians, exorcists

.63 Divinely inspired men

Messiahs [*formerly* 291.61], founders of religions [*formerly* 291.64], prophets

.64 Interpreters of religion

Writers, reformers

Class founders of religions [*formerly* 291.64] in 291.63

For priests, ministers, pastors, see 291.61

.65 Organization and organizations

Institutions, associations, orders, parties, congregations

For laws and decisions, see 291.84

.7 **Activities inspired by religious motives**

Religious wars, missions, religious training and instruction

291.8 **Sources**

.82 Sacred books and scriptures

.83 Oral traditions

.84 Laws and decisions

.9 **Sects and reform movements**

Class a specific aspect of a specific sect or reform movement with the subject

---

► **292–299 Specific religions**

Divide as below, but, if it is desired to give local emphasis and a shorter number to a specific religion, place it first by use of a letter or other symbol, e.g., Hinduism 2H0 (preceding 220), or 29H (preceding 292); divide as provided under the appropriate subdivision of 292–299, e.g., Shivaism 2H5.13 or 29H.513

292 Classical (Greek and Roman) religion

Use 292.001–292.009 for standard subdivisions

► 292.07–292.08 By specific culture

Class specific elements in 292.1–292.9

.07 Roman

.08 Greek

.1–.9 **Specific elements**

Divide like 291.1–291.9, e.g., classical gods and goddesses 292.211

293 Germanic religion

Divide like 291, e.g., eschatology 293.23

294 Brahmanism and related religions

.1 **The Vedas**

.12 Rigveda

.13 Samaveda

.14 Yajurveda

.15 Atharvaveda

► **294.3–294.4 Heterodox movements**

294.3 Buddhism

[.300 2–.300 8] Doctrines, organization, activities, sources
Class in **294.34–294.38**

[.31] Hinayana (Southern, Theravada) Buddhism
Class comprehensive works in **294.391**; doctrines, organization, activities, sources in **294.34–294.38**

[.32] Mahayana (Northern) Buddhism
Class comprehensive works and sects and reform movements in **294.392**, doctrines, organization, activities, sources in **294.34–294.38**

.33 Relationships and attitudes
Divide like **291.1**, e.g., attitude toward other religions **294.337 2**

► 294.34–294.38 Doctrines, organization, activities, sources [*formerly* 294.300 2 – 294.300 8, 294.31, 294.32]

.34 Doctrines and practices
Divide like **291.2–291.4**, e.g., liturgy **294.343 8**

.35 Moral theology
Conscience, sins, vices, virtues, duties

.36 Leaders and organization

.361–.364 Leaders
Divide like **291.61–291.64**, e.g., the Buddha **294.363**

.365 Organization and organizations
Including institutions, associations, parties, congregations

.365 7 Monasticism and monasteries

.37 Activities inspired by religious motives
Missions, religious training and instruction

294.38 Sources

.382 Sacred books and scriptures (Tripitaka)

.382 2 Vinayapitaka

.382 3 Suttapitaka

.382 4 Abhidhammapitaka

.383 Oral traditions

.384 Laws and decisions

.39 Branches
Class a specific aspect of a specific branch with the subject

.391 Hinayana (Southern, Theravada) Buddhism [*formerly* 294.31]

.392 Mahayana (Northern) Buddhism [*formerly* 294.32]

.392 3 Lamaism

.392 7 Zen

.4 Jainism

.41–.48 Relationships, doctrines, organization, activities, sources
Divide like **291.1–291.8**, e.g., moral theology **294.45**

.49 Sects and reform movements
Class a specific aspect of a specific sect or reform movement with the subject

.492 Svetambara

.493 Digambara

.5 Hinduism

.51 Relationships and attitudes
Divide like **291.1**, e.g., attitude toward science **294.517 5**

.52 Doctrinal theology (Dogma)

.521 Objects of worship and veneration
Attributes and functions
Divide like **291.21**, e.g., avatara **294.521 1**

.522–.523 Man and his soul, eschatology
Divide like **291.22–291.23**, e.g., karma **294.523**

294.53 Forms of worship and other rites and ceremonies

Divide like **291.3**, e.g., symbolism in Hinduism **294.537**

For personal religion, see **294.54**

.54 Personal religion and moral theology

.542–.544 Personal religion

Hinduism as an inner experience and guide to daily living

Divide like **291.42–291.44**, e.g., Hindu asceticism **294.542**

.548 Moral theology [*formerly* 294.598]

Conscience, sins, vices, virtues, duties

Including dharma

.55 Sects and reform movements

Class a specific aspect of a specific sect or reform movement with the subject

For heterodox movements, see **294.3–294.4**

.551 Early

.551 2 Vishnuism [*formerly* 294.554]

.551 3 Shivaism

.551 4 Shaktaism

.551 5 Ganapataism

.551 6 Shanmukaism

.551 7 Sauraism

[.552] Brahma Samaj, Arya-Samaj

Class in **294.556**

.553 Sikhism

[.554] Vishnuism

Class in **294.551 2**

.555 Ramakrishna movement

.556 Reformed Hinduism

Brahma Samaj, Arya-Samaj [*both formerly* **294.552**]

294.56–.57 Leaders, organization, activities

Divide like **291.6–291.7**, e.g., gurus **294.561**

.59 Sources

.592 Sacred books and scriptures

For the Vedas, see **294.1**

.592 1 Upanishads

.592 2 Ramayana

.592 3 Mahabharata

For Bhagavad Gita, see **294.592 4**

.592 4 Bhagavad Gita

.592 5 Puranas

.592 6 Dharmasastras

.593 Oral traditions

.594 Laws and decisions

[.598] Moral theology

Class in **294.548**

295 Zoroastrianism (Mazdaism, Parseeism)

Divide like **291**, e.g., virtues **295.5**

296 Judaism

SUMMARY

296.1	**Sources**
.3	**Doctrinal, moral, social theology**
.4	**Public services, rites, traditions**
.6	**Leaders, organization, activities**
.7	**Personal and family religion**
.8	**Sects and movements**

.1 Sources

For Old Testament, see **221**

296.12 Talmudic literature

Use **296.120 01 – 296.120 09** for standard subdivisions

► 296.120 4 – 296.120 7 General considerations

► 296.120 4 – 296.120 5 Texts

Scope: textual criticism

For commentaries, see **296.120 7**

296.120 4 Hebrew and Aramaic

.120 5 Translations

Divide like **420–490**, e.g., English translations **296.120 52**

.120 6 Interpretation and higher criticism

Divide like **220.6**, e.g., hermeneutics **296.120 63**

For commentaries, see **296.120 7**

.120 7 Commentaries

Criticism and interpretation arranged in textual order

► 296.123–296.129 Specific works

Add **0** to each subdivision identified by * and divide like **296.120 4 – 296.120 7**, e.g., commentaries on Mishnah **296.123 07**

.123 *Mishnah

.124 *Palestinian Talmud

.125 *Babylonian Talmud

.126 Tosefta and Baraita

.126 2 *Tosefta

.126 3 *Baraita

.129 Other Talmudic texts

* Divide as instructed under **296.123–296.129**

296.14 Midrash

Use **296.140 01 – 296.140 09** for standard subdivisions

.140 4–.140 7 General considerations

Divide like **296.120 4 – 296.120 7**, e.g., Hebrew and Aramaic texts **296.140 4**

► 296.141–296.142 Specific works

Add **0** to each subdivision identified by * and divide like **296.120 4 – 296.120 7**, e.g., criticism and interpretation of Haggadah **296.142 06**

.141 *Halakah

.142 *Haggadah

.16 Cabala

.17 Early rabbinical writings to 1400

.172 Maimonides

.179 Responsa

.18 Laws and decisions

Scope: later Halakah

.182 Joseph Caro

.19 Later Haggadah

.3 Doctrinal, moral, social theology

► 296.31–296.33 Doctrinal theology (Dogma)

.31 Spiritual world

Attributes and functions

.311 God

.315 Angels

.316 Devils and demons

.32 Man and his soul

Creation, sin, salvation, repentance, atonement

* Divide as instructed under **296.141–296.142**

296.33 Eschatology
Death, resurrection, immortality, messianism

.38 Moral and social theology
.385 Moral theology
Conscience, sins, vices, virtues, duties

.387 Social theology
Attitude toward and influence on secular matters
Divide like **261**, e.g., attitude toward science **296.387 5**

.4 Public services, rites, traditions
Scope: liturgy, hymns, prayer, responsive reading, symbolism, ceremonies, comprehensive works on public and private worship and prayer
For personal and family religion, see **296.7**

.41 Sabbath
.42 Sermons and homiletics
Class sermons on a specific subject with the subject

.43 Festivals, holy days, fasts
For Sabbath, see **296.41**

.431 Rosh Hashanah (New Year)
.432 Yom Kippur (Day of Atonement)
.433 Sukkoth (Feast of Tabernacles)
.435 Hanukkah (Feast of the Dedication)
.436 Purim (Feast of Lots)
.437 Pesach (Passover)
Including Seder service

.438 Shabuoth (Feast of Weeks, Pentecost)
.439 Other
Including Tishah b'Ab, Lag b'Omer

296.44 Rites and customs for specific occasions
.442 Special rites for male Jew
.442 2 Berith milah (Circumcision)
.442 3 Pidyon haben (Redemption of first-born male)
.442 4 Bar mitzvah
.443 Bath mitzvah
.444 Marriage and divorce rites and traditions
.445 Burial and mourning rites and traditions

.6 Leaders, organization, activities
.61 Leaders
.65 Synagogues
.67 Organization and organizations
Institutions, associations, polity

.673 Young Men's Hebrew Associations
.675 Young Women's Hebrew Associations
.68 Religious education
Sunday schools, afternoon weekday schools, parochial schools

.7 Personal and family religion
For moral theology, see **296.385**

.71 Religious experience
Mysticism, conversion, asceticism, self-discipline

.72 Daily devotions and worship
Morning, afternoon, evening prayers, blessings at meals, meditation, contemplation

.73 Observance of dietary laws
.74 Conduct of life
Application of religious virtues to everyday life
For observance of dietary laws, see **296.73**

296.8 Sects and movements

Class a specific aspect of a specific sect or movement with the subject

.81 Ancient

Karaites, Pharisees, Sadducees, Essenes, Samaritans, Hellenistic movement, Qumran community

.82 Medieval

Including Sabbatianism

.83 Modern

.832 Orthodox Judaism

.833 Mystical Judaism

Including modern Hasidism

.834 Reform movements

.834 2 Conservative Judaism

.834 4 Reconstructionist Judaism

.834 6 Reform Judaism

297 Islam and religions derived from it

Use **297.001–297.009** for standard subdivisions

.01–.09 Standard subdivisions of Islam

SUMMARY

297.1	**Sources, relationships, attitudes of Islam**
.2	**Islamic doctrinal theology (Aqaid and Kalam)**
.3	**Islamic forms of worship and other rites and ceremonies**
.4	**Personal religion in Islam**
.5	**Islamic moral theology**
.6	**Islamic leaders and organization**
.7	**Islamic activities**
.8	**Islamic sects and other religions**

.1 Sources, relationships, attitudes of Islam

► 297.12–297.14 Sources

297.12 Sacred books and scriptures

.122 Koran

► 297.122 1 – 297.122 8 General principles

.122 1 Origins and authenticity

► 297.122 4 – 297.122 5 Texts

Scope: textual criticism

For commentaries, see **297.122 7**

.122 4 Arabic

.122 5 Translations

Divide like **420–490**, e.g., Urdu translations **297.122 591 439**

.122 6 Interpretation and higher criticism

Divide like **220.6**, e.g., historical criticism **297.122 67**

For commentaries, see **297.122 7**

.122 7 Commentaries

Criticism and interpretation arranged in textual order

.122 8 Special subjects treated in Koran

.122 9 Individual suras and groups of suras

Origins, authenticity, texts, criticism, interpretation, commentaries, special subjects

.124 Hadith

.124 01–.124 08 General principles

Divide like **297.122 1 – 297.122 8**, e.g., origins **297.124 01**

► 297.124 1 – 297.124 8 Specific Hadith

Add **0** to each subdivision identified by * and divide like **297.122 1 – 297.122 8**, e.g., Arabic text of Hadith of Al-Bukhari **297.124 104**

297.124 1 *Al-Bukhari
.124 2 *Abu Daud
.124 3 *Muslim
.124 4 *Al-Tirmidhi
.124 5 *Al-Nasai
.124 6 *Ibn Majah
.124 7 Other Sunni Hadith
.124 8 Hadiths of other sects

.13 Oral traditions
For Hadith, see 297.124

.14 Laws and decisions (Fiqh)
Religious and ceremonial
Class Islamic law on other subjects in 340

.19 Relationships and attitudes
.197 Social theology
Attitude toward and influence on secular matters and other religions
Divide like 261, e.g., attitude toward Judaism 297.197 296

.2 Islamic doctrinal theology (Aqaid and Kalam)
For Koran, see 297.122; *Mohammad the Prophet,* 297.63

.21 Spiritual world
Attributes and functions

.211 God
.215 Angels
.216 Devils and demons
.22 Man
Creation, fall, sin, salvation, grace, faith, repentance, intercession

.23 Eschatology
Death, intermediate state, resurrection, day of judgment, future life, eternity, heaven, hell

* Divide as instructed under 297.124 1 – 297.124 8

297.3 Islamic forms of worship and other rites and ceremonies
For personal religion, see 297.4

.301–.303 Specific sects
Divide like 297.81–297.83, e.g., Sunni rites 297.301

.32 Divination
Omens, oracles, prophecies

.33 Witchcraft
.35 Sacred places
Mecca, Medina, Jerusalem

.36 Sacred times
.38 Rites and ceremonies
Public prayer, public feasts and fasts, pilgrimages

.4 Personal religion in Islam
Religion as an inner experience and guide to daily living
Divide like 291.4, e.g., conduct of life 297.44
For moral theology, see 297.5

.5 Islamic moral theology
Conscience, sins, vices, virtues, duties
For Jihad (holy war), see 297.72

.51 Profession of faith
.52 Prayer five times daily
.53 Fasting
.54 Almsgiving (Zakat)
.55 Pilgrimage to Mecca

.6 Islamic leaders and organization

► 297.61–297.64 Leaders and their work

.61 Functionaries
Muezzins and imams

297.63 Mohammed the Prophet

.64 Mohammed's family and companions

.65 Organization and organizations

Institutions, associations, orders, parties, congregations

Including caliphate

For laws and decisions, see 297.14

.7 **Islamic activities**

Including missions, religious training and instruction

.72 Jihad (Holy war)

.8 **Islamic sects and other religions**

► 297.81–297.85 Sects and reform movements

Class a specific aspect of a specific sect or reform movement with the subject

For Sikhism, see 294.553

.81 Sunnites

.811 Hanafites

.812 Shafiites

.813 Malikites

.814 Hanbalites

Including Wahhabis

.82 Shiites

.821 Twelvers (Ithna Ashirites)

.822 Seveners (Ismailites)

.824 Zaydites

.83 Other

.835 Kadarites

.837 Murjiites

.85 Druzes

► 297.87–297.89 Religions derived from Islam

297.87 Religion of Black Muslims

.88 Babism [*formerly* 297.89]

.89 Bahai faith

Divide like 291, e.g., duties 297.895

Class Babism [*formerly* 297.89] in 297.88

298 **[Permanently unassigned]**

If it is desired to give local emphasis and a shorter number to a specific religion, class it here

299 **Other religions**

.1–.4 **Of Indo-European, Semitic, Hamitic, Ural-Altaic origin**

Divide like 491–494, e.g., Druidism 299.16

.5 **Of East and Southeast Asian origin**

.51 Chinese

.512 Confucianism

Divide like 291, e.g., virtues 299.512 5

.514 Taoism

Divide like 291, e.g., forms of worship 299.514 3

.54 Tibeto-Burman

.56 Japanese

.561 Shintoism

Divide like 291, e.g., shrines 299.561 35

.57–.59 Other

Divide like 495.7–495.9, e.g., religions of Burmese origin 299.58

.6 **Of African and Negro origin**

For religion of Black Muslims, see 297.87

.7 **Of North American Indian origin**

.8 **Of South American Indian origin**

.9 **Of Austronesian and Oceanic origin**

300

300 The social sciences

The sciences that deal with social activities and institutions

Use **300.1–300.9** for standard subdivisions

Class social, political, economic, diplomatic, welfare aspects of a specific war with history of the war

► **301–309 General considerations**

301 Sociology

The science that deals comprehensively with social activities and institutions

.01–.09 Standard subdivisions

SUMMARY

301.1	**Social psychology**
.2	**Cultural processes**
.3	**Human ecology**
.4	**Institutions and groups**
.5	**Sociology of everyday activities and preoccupations**

.1 Social psychology

Interaction between personality, attitudes, motivation of individuals and structure, dynamics, behavior of groups

.15 Group behavior

.152 For stability

Social control by coercion, persuasion, custom, taboo

.152 2 Group morale and loyalty

.152 3 Control of opinion

By public relations, publicity, indoctrination, rumor

.153 For change (Social movements)

301.154 In opinion formation

Uses, measurement, effect of public opinion

.155 For leadership

[.158] Behavior groups

Class in **301.18**

.16 Mass communication processes

Including comprehensive works on mass communication [*formerly* **384**]

For control of opinion, see **301.152 3**; *effects of mass communication on cultural processes,* **301.24**

.18 Behavior groups [*formerly* 301.158]

.181 The public at large

.182 Crowds and mobs

.183 Associations and meetings

Formation, structure, workings

.185 Cliques and gangs

.186 Pressure groups [*formerly* 301.43]

.2 Cultural processes

Conflict, compromise, assimilation, acculturation, cooperation, communication, others

[.209] Historical and geographical treatment

Do not use; class in **301.29**

.24 Means and kinds

Including effects of invention, discovery, war, technology, automation, mass communication

► 301.245–301.246 Kinds

.245 Progress

.246 Regress

301.29 Historical and geographical treatment

Add area notations 1–9 to 301.29, e.g., cultural processes of the Occident 301.291 821; then, for cultural processes and general relations between two countries, regions, areas, places, groups, add 0 and again add area notations 1–9, e.g., cultural processes and general relations between Occident and Orient 301.291 821 05

Give priority in notation to the country, region, area, place, group requiring local emphasis, e.g., libraries in United States class cultural processes and general relations between United States and Islamic world in 301.297 301 767. If the two require equal emphasis, give priority to the one coming first in the sequence of area notations

Class cultural situation and progress in 901.9

.3 Human ecology

Adaptation to spatial and temporal environment

.32 Population

Density, increase, decrease, movement, characteristics

Including migration within a country [*formerly* 325.1]

.320 212 Tables, formulas, specifications

Class statistical tables in 312

[.320 9] Historical and geographical treatment

Do not use; class in 301.329

.329 Historical and geographical treatment

Add area notations 1–9 to 301.329

.34 Community organization and development

Areal distribution, location, expansion, pattern of growth

For planning social conditions, see 309.2; *kinds of communities,* 301.35–301.37

► 301.35–301.37 Kinds of communities

.35 Rural

.36 Suburban and urban

.362 Suburban

.364 Urban

301.37 State, provincial, national

.372 State and provincial

.377 National

.4 Institutions and groups

Social characteristics and problems, impact on society as a whole

Use 301.400 1 – 301.400 9 for standard subdivisions

For behavior groups, see 301.18

.402 Small groups

.403 Large groups

.404 Informal organizations

.405 Formal organizations

.406 Institutionalism

SUMMARY

301.41	The sexes
.42	Marriage and family
.43	Groups of specific ages
.44	Systems and criteria of social distinction and stratification
.45	Nondominant groups
.47	Groups of persons with physical and mental illnesses and handicaps

.41 The sexes [*formerly* 301.424]

.411 Man

.412 Woman [*formerly also* 396]

Scope: feminism, superiority

.412 1 Emancipation

.412 2 Careers

.412 6 In the home

.412 9 In history, public affairs, war

.413 Celibacy

.414 Courtship [*formerly* 301.425]

Including preparation for marriage [*formerly* 301.426]

301.415 Sex life outside marriage

Concubinage, premarital relations, adultery, prostitution, homosexuality and other perversions

.42 Marriage and family

.421 Structure and functions of family

.422 Nature and forms of marriage

Monogamy, polygamy, polyandry; interracial, intercultural, interreligious marriage; marriage between kin

.423 Family and social change

Including effects upon family of urbanization, mobility, technology, industrialization, war

[.424] The sexes

Class in **301.41**

[.424 3] Regulation and control of prostitution

Class in **350.764**

[.425] Courtship

Class in **301.414**

.426 Husband-wife relationship

Including planned parenthood

Class preparation for marriage in **301.414**, marriage and family counseling in **362.82** [*both formerly* **301.426**]

.427 Intrafamily relationships

Including mutual responsibilities

For husband-wife relationship, see **301.426**

.428 Family disorganization, dissolution, adjustment

Including death, separation

.428 4 Divorce

.428 5 Remarriage

301.43 Groups of specific ages

Class pressure groups [*formerly* **301.43**] in **301.186**

.431 Minors

.431 4 Children

Thru age eleven

.431 5 Adolescents

Ages twelve to twenty

.434 Middle-aged

.435 Aged (Social gerontology)

Including retirement

.44 Systems and criteria of social distinction and stratification

.441 By economic status

Wealth, property, income

Including entrepreneur, self-employed, wage-earning status

For systems and criteria by occupation, see **301.444**

.442 By family and kinship

.443 By location and duration of residence

.444 By occupation

.445 By amount of education

.446 By religion

.447 By race

.448 By language

.45 Nondominant groups

Scope: prejudice, discrimination, segregation, desegregation, integration; refugees and displaced persons

.451 Ethnic

Indigenous and nonindigenous

Divide like **420–490**, e.g., Negroes **301.451 96**; then add **0** and add area notations **1–9**, e.g., Negroes in South Africa **301.451 960 68**

301.452 Socioeconomic and religious

.452 1 Distinctive because of cultural practices

.452 2 Distinctive because of condition of servitude

Slavery [*formerly* 326], serfdom [*formerly* 323.34]

.452 3 Distinctive because of low economic status

For groups distinctive because of condition of servitude, see 301.452 2

► 301.452 8 – 301.452 9 Distinctive because of religious beliefs

.452 8 Christians

.452 81–.452 89 Specific denominations and sects

Divide like 281–289, e.g., Mennonites in Ohio 301.452 897 771

.452 9 Communicants of other religions

Divide like 292–299, e.g., Moslems 301.452 97; then add 0 and add area notations 1–9, e.g., Moslems in India 301.452 970 54

.453 Of specific national origin

Add area notations 3–9 for country of origin to 301.453, e.g., groups from Switzerland 301.453 494; then add 0 and add area notations 1–9 for place where located, e.g., groups from Switzerland in United States 301.453 494 073

For ethnic groups, see 301.451

.47 Groups of persons with physical and mental illnesses and handicaps

Divide like 616–617, e.g., alcoholics 301.476 861

.5 Sociology of everyday activities and preoccupations

Social characteristics and problems, impact on society

.52 Securing food

.53 Securing clothing

.54 Securing shelter (Housing [*formerly* 331.833])

.55 Working

.56 Securing education

301.57 Enjoying leisure and recreation

.58 Worshiping

302

303

304

305

306

307

308

309 Social situation and conditions

[.09] Historical and geographical treatment

Do not use; class in 309.1

.1 Historical and geographical treatment

.101–.104 Historical periods

Divide like standard subdivisions 090 1 – 090 4, e.g., social situation in year 1000 309.102 1

.11–.19 Geographical treatment

Add area notations 1–9 to 309.1

.2 Planning

Development of programs to bring about desired change in conditions

.22 International

.223 Technical assistance

.223 5 Peace corps

.223 54–.223 59 By country of origin

Add area notations 4–9 to 301.213 5

.23 National

.25 State, provincial, county

.26 City

► 310–390 Specific social sciences

The sciences that deal with specific social activities and institutions

310 Statistical method and statistics

Use 310.01–310.09 for standard subdivisions

.1–.9 Standard subdivisions of statistics

Class general statistics by continent, country, locality in modern world in 314–319

311 Statistical method

Science of analysis and presentation of quantitative or qualitative data secured thru enumeration or experiment

Class mathematical calculations in 519.6–519.9, statistical method applied to a specific subject in standard subdivision 018 2

.01 Philosophy and theory

Class theories in 311.2

.2 Preparation of statistics

Scope: principles and theories

[.206] Organizations

Do not use; class in 311.3–311.4

► 311.21–311.26 Specific elements

.21 Sampling

Scope: reliability and validity

.212 Random sampling

.214 Quality control

Including relative sampling

► 311.22–311.24 Treatment of data

For graphic presentation of data, see 311.26

.22 Collection

Questionnaires, field work, enumeration

311.23 Analysis

Including determination and interpretation of statistical constants

.24 Tabulation

Arrangement, layout, construction of tables and series

.25 Coefficients and ratios

Including index numbers, skewness, correlation

.26 Graphic presentation of data

Charts, graphs, nomograms

.28 Public opinion surveys and polls

For specific elements of preparation, see 311.21–311.26

► **311.3–311.4 Organizations preparing statistics**

.3 Official

.31 International

.39 In specific countries and localities

Add area notations 3–9 to 311.39

.4 Nonofficial

► 312–319 Statistics

Class statistics of a specific subject other than populations with the subject

312 Statistics of populations (Demography)

► **312.1–312.4 Vital statistics**

.1 On births

Add area notations 1–9 to 312.1

.2 On deaths (Mortality)

.22 Maternal deaths in childbirth

312.23 Infant deaths

Statistics of deaths of persons after live birth and before attaining age of one year

Add area notations 1–9 to 312.23

.24 Stillbirths

.26 Deaths caused by disease

Divide like 616.1–616.9, e.g., statistics of deaths by pulmonary tuberculosis 312.262 46

For infant deaths, see 312.23

.27 Deaths caused by accidents and crimes of violence

For infant deaths, see 312.23

► 312.272–312.275 By accidents

.272 Home

.273 Industrial

.274 Traffic

.275 Recreational

.276 By crimes of violence

Deaths by homicide and suicide

.3 On illness (Morbidity)

Divide like 616.1–616.9, e.g., statistics on incidence of measles 312.391 5

.4 On accidents and crimes of violence

Divide like 312.27, e.g., statistics on incidence of traffic accidents 312.44

.5 On marriage and divorce

.6 On physical features and measurements (Somatology)

.8 On density, increase, decrease, movement of populations

.9 On other specific characteristics of populations

Age, sex, nationality, race, language, religion, education, occupation

313

► 314–319 General statistics by continent, country, locality in modern world

314 Europe

Add area notation 4 to 31, e.g., general statistics of England 314.2

315 Asia

Add area notation 5 to 31, e.g., general statistics of Japan 315.2

316 Africa

Add area notation 6 to 31, e.g., general statistics of Tanganyika 316.782

317 North America

Add area notation 7 to 31, e.g., general statistics of British Columbia 317.11

318 South America

Add area notation 8 to 31, e.g., general statistics of Buenos Aires 318.21

319 Other parts of world

Add area notation 9 to 31, e.g., general statistics of Australia 319.4

320 Political science

The science that deals with the institutions and processes of governmental regulation and control of men living in society

For public administration, see **350**; *law,* **340**

.01 Philosophy and theory

Class political theories and ideologies in **320.5**

.02–.09 Other standard subdivisions

.1 The state (The body politic)

.11 Theory of origin

Source and basis of political authority

.12 Geopolitics

Class geopolitics in international relations in **327**

.13 National self-determination

.15 Nature, entity, concept of the state

.155 Emerging states (New states)

.157 Internal sovereignty

.158 Nationalism and unity

.159 "Pan" movements

Add area notations **1–9** to **320.159**

.18 Symbolism and emblems of state

.3 Comparative government

Comparison of general structure of governments

.5 Political theories and ideologies

.51 Liberalism

.52 Conservatism

.53 Collectivism

.531 Socialism

.532 Communism

.533 Fascism

.9 Political situation and conditions

Add area notations **1–9** to **320.9**

321 Types and forms of states

Use **321.001–321.009** for standard subdivisions

► 321.01–321.08 Forms

Based on location of sovereignty in government

.01 Unitary state

State in which control over policy is centralized in national government

.02 Federal state (Federalism)

State in which local units have stated powers of which they may not be deprived by action of central government alone

For world state, see **321.04**

[.025–.028] Semisovereign and dependent states

Class in **321.08**

.03 Empires

.04 World state

.07 Ideal state

Anarchy [*formerly* **321.9**], Utopias

.08 States with special limitations

Including semisovereign and dependent states [*formerly* **321.025–321.028**]

.09 Change of form of state

► 321.1–321.9 Types

Based on evolution of government

.1 Primitive and despotic states

.12 Primitive

Including tribal state [*formerly* **321.2**]

.14 Despotic

Before 1500 A.D.

Including Caesarism [*formerly* **321.6**]

[321.2] **Tribal state**

Class in 321.12

.3 **Feudal system**

.4 **Pure democracy (Greco-Roman republicanism)**

.5 **States controlled by select few**

Aristocracy, oligarchy, theocracy, plutocracy

► 321.6–321.9 **Modern nation states**

.6 **Monarchical absolutism**

16th–18th centuries

Class totalitarian states in 321.9, Caesarism in 321.14 [*both formerly* 321.6]

.7 **Modern constitutionalism**

For representative democracy, see 321.8

.72 Constitutional or limited monarchy

.74 Socialistic state

.8 **Representative democracy**

.9 **Totalitarian states [*formerly* 321.6]**

Class anarchy as a type of state [*formerly* 321.9] in 321.07

.92 Bolshevik

.94 Fascist

322 Relation of state to organized groups

For political parties, see 329.02; *relation of state to communities,* 323.35; *relation of government to education,* 379

.1 **Christian church and other religious bodies (State and church)**

.2 **Labor movements and groups**

.3 **Business and industry**

.4 **Protest and pressure groups**

Including reform movements

For relation of state to revolutionary and subversive groups, see 323.2

323 Relation of state to individuals and groups

For relation of state to organized groups, see 322

SUMMARY

323.1 Nondominant groups
.2 Revolutionary and subversive groups and individuals
.3 Communities and social classes
.4 Individuals
.5 Political rights
.6 Citizenship

.1 **Nondominant groups**

.109 Historical and geographical treatment

Class treatment by continent, country, locality in 323.13–323.19

► 323.11–323.12 Specific groups

For slaves, serfs, see 323.3

.11 Socioeconomic, religious, ethnic

.111 Socioeconomic and religious

.112–.119 Ethnic

Divide like 420–490, e.g., relation of state to Negroes 323.119 6; then add 0 and add area notations 1–9, e.g., relation of state to Negroes in United States 323.119 607 3

.12 Of specific national origin

Add area notations 3–9 for country of origin to 323.12, e.g., relation of state to groups from Ireland 323.124 15; then add 0 and add area notations 1–9 for place where located, e.g., relation of state to groups from Ireland in United States 323.124 150 73

For ethnic groups, see 323.112–323.119

.13–.19 Treatment by continent, country, locality

Add area notations 3–9 to 323.1

For specific groups, see 323.11–323.12

.2 **Revolutionary and subversive groups and individuals**

Organized and unorganized groups

323.3 Communities and social classes

Including slaves [*formerly* 326], serfs

Class sociology of serfdom [*formerly* 323.34] in 301.452 2

.35 Communities

Divide like area notation 173, e.g., urban communities 323.352

.4 Civil rights

.42 Equality before the law

.43 Rights of personal security

.44 Personal liberty and freedom of press

Including freedom of action and movement

For right of assembly and association, see 323.47

.442 Freedom of conscience and religion

.443 Freedom of speech

.445 Freedom of press

.46 Right of private property

.47 Right of assembly and association

.48 Right of petition

.49 Limitation and suspension of individual rights and guarantees

.5 Political rights

Including representation

For suffrage, see 324

.6 Citizenship

[.61] Laws

Class in 340

.62 Naturalization

.63 Nationality

.631 Aliens

Including rights and protection [*formerly* 323.67]

.632 Statelessness [*formerly* 323.64]

323.634 Dual nationality

.636 Marriage and nationality

.64 Expatriation and repatriation

Class statelessness [*formerly* 323.64] in 323.632

.65 Duties and obligations of citizens

.67 Passports and visas

Class rights and protection of aliens [*formerly* 323.67] in 323.631

324 Suffrage

.09 Historical and geographical treatment

Class treatment by continent, country, locality in modern world in 324.4–324.9

.1 Qualifications for voting

.2 Elections

.202 1 Election returns

Add area notations 1–9 to 324.202 1

.21 Electoral systems

.22 Basis of representation

For representation in legislative bodies, see 328.334

.23 Nomination systems

For nominations of party candidates, see 329.022

.24 Voting

Including voting machines [*formerly* 324.25]

.241 Voter registration

.242 Voting procedures

.25 Ballot systems

Class voting machines [*formerly* 324.25] in 324.24

324.27 Corruption and irregularities in elections

.271 Electoral frauds

.273 Irregular contributions and expenditures

Class political contributions [*formerly* 324.273] in 329.025

.277 Contested elections

.3 **Woman suffrage**

.4–.9 **Treatment by continent, country, locality in modern world**

Add area notations 4–9 to 324

325 International migration

.09 Historical and geographical treatment

Class treatment by continent, country, locality in modern world in 325.4–325.9

.1 **Immigration**

Entrance into a country for the purpose of permanent residence

Class migration within a country [*formerly* 325.1] in 301.32

.109 Historical and geographical treatment

Class treatment by continent, country, locality in modern world in 325.4–325.9

.2 **Emigration**

Departure from a country for residence elsewhere

.209 Historical and geographical treatment

Class treatment by continent, country, locality in 325.23–325.29

.21 Political refugees

.22 Transfer of population

.23–.29 Emigration from specific continents, countries, localities

Add area notations 3–9 to 325.2, e.g., emigration from Japan 325.252; then add 09 and add area notations 1–9 for place entered, e.g., emigration from Japan to United States 325.252 097 3

325.3 Colonization

.309 Historical and geographical treatment

Class colonization in specific places of modern world in 325.4–325.9, colonization by specific countries in 325.33–325.39

.31 Colonial administration and policies

Class internal administration of specific colonies in 354

.33–.39 Colonization by specific countries

Add area notations 3–9 to 325.3, e.g., colonization by United Kingdom 325.342; then add 09 and add area notations 1–9 for place colonized, e.g., colonization by United Kingdom in West Africa 325.342 096 6

.4–.9 **International migration by continent, country, locality in modern world**

Migration to and colonization in specific places

Add area notations 4–9 to 325

For emigration from specific continents, countries, localities, see 325.23–325.29; *colonization by specific countries,* 325.33–325.39

326 Slavery and emancipation

Class relation of state to slaves in 323.3, sociology of slavery in 301.452 2 [*both formerly* 326]

[.1] **Slave trade**

Class in 380.144

[.92] Biography of slaves

Class biographies of persons associated with a specific subject in standard subdivision 092, of persons not so associated in 920

327 International relations

Affairs of the world political community

.09 Historical and geographical treatment

Class foreign policies of specific nations in 327.3–327.9

327.1 **International politics**

Competition among states for power and influence

.11 Power politics

Processes of finding and using the power necessary to reach selected goals

.112 Balance of power system

.114 Spheres of influence

.116 Collective security

Class cooperation to promote peace and order in **341.1**

.12 Espionage

.14 Conduct of propaganda and psychological warfare

.2 **Diplomacy**

Conduct of negotiations between governments

Class laws, rules, customs governing diplomatic conduct in **341.7**

.3–.9 **Foreign policies of specific nations**

Attitudes, courses of action, objectives adopted by the government of a state in its relations with other states and regions

Add area notations **3–9** to **327**, e.g., foreign policy of United Kingdom **327.42**; then, for foreign relations between two nations, add **0** and again add area notations **3–9**, e.g., foreign relations between United Kingdom and France **327.420 44**

Give priority in notation to the nation requiring local emphasis, e.g., libraries in United States class foreign relations between United States and United Kingdom in **327.730 42**. If the two nations require equal emphasis, give priority to the one coming first in the sequence of area notations

328 Legislation

.1 **Parliamentary rules and procedures [*formerly also* 328.37]**

.2 **Legislative function**

.3 **Legislative branch of government**

Parliaments, congresses, assemblies

.309 Historical and geographical treatment

Class treatment by continent, country, locality in modern world in **328.4–328.9**

SUMMARY

328.31	**Upper house**
.32	**Lower house**
.33	**Membership**
.34	**Prerogatives, powers, privileges**
.35	**Sessions**
.36	**Internal organization and discipline**
.37	**Enactment of bills and resolutions**
.39	**Forms and types**

► 328.31–328.32 Specific houses

For specific elements, see **328.33–328.37**

328.31 Upper house

.32 Lower house

► 328.33–328.37 Specific elements

.33 Membership

For discipline of members, see **328.366**

.333 Compensation

.334 Representation

.334 5 Election districts

.334 52 Apportionment and reapportionment

.334 54 Redistricting

.334 55 Gerrymandering

.334 7 Proportional representation

.34 Prerogatives, powers, privileges

Including impeachment

.341 Power over revenue and appropriations

.345 Legislative investigation

.346 Treaty-making powers

.347 Privileges of legislators

.348 Immunities of legislators

.35 Sessions

328.36 Internal organization and discipline

.362 Officers and leaders

Selection, appointment

.365 Committees

Organization and operations

Class committee hearings and reports on a specific subject with the subject

.366 Discipline of members

.368 Congressional lobbying

.37 Enactment of bills and resolutions

Forms and procedures

Class parliamentary rules and procedures [*formerly* 328.37] in 328.1

.373 Bill drafting

.375 Passage of bills

.377 Resolutions

.378 Private bills

.39 Forms and types

Unicameral, bicameral

.4–.9 Legislative branch of government by continent, country, locality in modern world

Add area notations 4–9 to 328, e.g., United Kingdom Parliament 328.42; then add further as follows, e.g., journals of United Kingdom Parliament 328.420 1

001–008 Standard subdivisions
01 Journals
02 Debates
03 Abstracts
04 Other documents
05 Rules and procedures
Including legislative manuals [*formerly* 08]
07 The legislative body
Divide like 328.3, e.g., compensation of members 073 3
[08] Legislative manuals
Class in 05
09 History

329 Practical politics

For elections, see 324.2

.001–.005 Philosophy, miscellany, dictionaries, serial publications

.006 Political organizations and institutions [*formerly* 363]

.007–.009 Other standard subdivisions

.01 Political propaganda

Class presidential campaign literature of specific political parties of United States [*formerly* 329.01] in 329.1–329.8

.02 Political parties

Class specific parties in 329.1–329.9

.021 Party organization

.021 1 Political machines

.021 2 Party leadership

.021 3 Platforms and slogans

.021 4 Party caucus

For nominations of party candidates by caucus, see 329.022 2

.022 Nominations of party candidates

.022 1 By convention

.022 2 By caucus

.022 3 By direct primary

.022 4 Boss dictation

.023 Election campaigns

Class campaign literature in 329.01

.024 Political patronage

.025 Political contributions [*formerly* 324.273] and fund raising

.03 Pressure and other interest groups

For congressional lobbying, see 328.368

.04 Political process

.05 Study of public opinion

Content, origin, political influence

► **329.1–329.9 Political parties of specific countries**

Divide as below; but, if it is desired to give local emphasis and a shorter number to parties of a specific country, place them first by use of a letter or other symbol, e.g., political parties of Peru **329.P** (preceding **329.1**); arrange specific parties and divide each as instructed under **329.9**

► **329.1–329.8 Specific political parties of United States**

Scope: presidential campaign literature [*formerly* **329.01**]

If preferred, class in **329.9**

Add **0** to each subdivision identified by * and divide like **329.01–329.02**, e.g., election campaigns of Democratic Party **329.302 3**

329.1 ***Federalist Party**

.2 ***Anti-Federalist Party**

.3 ***Democratic Party**

.4 ***Whig Party**

.5 ***American (Know-Nothing) Party**

.6 ***Republican Party**

.8 **Others**

.81 *Socialist Party

82 *Communist Party

.9 **Political parties of other countries**

(Optional: specific political parties of United States; prefer **329.1–329.8**)

Add area notations **3–9** to **329.9**

If desired, arrange specific parties of a specific country alphabetically, e.g., Labour Party of Great Britain **329.942 L2**, then add **0** and divide like **329.01–329.02**, e.g., Labour Party leadership **329.942 L20 212**

* Divide as instructed under **329.1–329.8**

330 Economics

The science that deals with production, distribution, consumption of wealth

For commerce, see **380**

.01 Philosophy and theory

Class general theories in **330.1**

.02–.09 Other standard subdivisions

.1 **General systems, principles, theories**

.12 Systems of control

.122 Decentralized (Free-enterprise economy)

.124 Centralized (Planned economy)

.15 Integrated systems and schools

► 330.151–330.156 Capitalist and free-enterprise

.151 Mercantilism

.152 Physiocracy

.153 Classicism and neoclassicism (Individualism)

.154 Historical school

.155 Universalism

Romantic, institutional, ethical, social justice schools

.156 Keynesianism (The New Economics)

.159 Collectivist

(Optional; prefer **335**)

Divide like **335**, e.g., Marxian systems **330.159 4**

.16 Miscellaneous general theories

For theories of property, see **330.17**

.161 Of wealth

.162 Of value

.162 2 Marginal utility theory

.163 Of income

.17 Theories of property

330.9 Economic situation and conditions

.901–.904 Historical periods

Divide like standard subdivisions **090 1 – 090 4**, e.g., economic situation in 1960–1970 **330.904 6**

.91–.99 Geographical treatment (Economic geography)

If preferred, class in **910.1**

Add area notations **1–9** to **330.9**

► **331–333 Specific factors of production**

For entrepreneurship, see **338.7**

331 Labor

Utilization of manpower resources for production

.01 Philosophy and theory

.011 Right to work

.012 Satisfactions of labor

Class classification of labor in **331.7**

.013 Freedom, dignity, value of labor

SUMMARY

331.1 Industrial relations
.2 Wages
.3–.6 Special classes of workers
.3 Specific age groups
.4 Women
.5 Substandard wage earners
.6 Other groups
.7 Labor by occupation
.8 Other topics

.1 Industrial relations

Relations between labor and management

For industrial relations of special classes of workers, see **331.3–331.6**; *disputes between labor and management,* **331.89**

[.109] Historical and geographical treatment

Do not use; class in **331.19**

SUMMARY

331.11 Labor force
.12 Labor stability and instability
.13 Unemployment and reemployment
.15 Conciliation practices
.18 Industrial relations in specific industries
.19 Historical and geographical treatment of industrial relations

---

► 331.11–331.15 Specific elements

331.11 Labor force

.112 Labor market

For labor stability and instability, see **331.12**

.113 Discrimination in employment

Consideration of workers on basis other than job qualifications

.114 Job qualifications of workers

Physical and mental capacity, education, experience

.115 Obtaining employment [*formerly also* 371.425]

.116 Employment bargaining

Collective negotiation and settlement of terms of employment between employers and workers

For conciliation practices, see **331.15**

.116 8 In specific industries

.116 81 Service and professional

Divide like **001–999**, e.g., telephone industry **331.116 813 846**

.116 82–.116 89 Other

Extractive, manufacturing, construction

Divide like **620–690**, e.g., clothing industry **331.116 887**

.12 Labor stability and instability

For unemployment and reemployment, see **331.13**

.122 Employment security and job tenure

331.126 Turnover

Causes, costs, incidence

.127 Mobility

Transfer from one region to another

.13 Unemployment and reemployment

.134 Cancelation of labor contracts

.137 Unemployment

Cyclical, seasonal, partial, technological

[.137 09] Historical and geographical treatment

Do not use; class in **331.137 9**

► 331.137 2 – 331.137 7 Specific elements

.137 2 Causes

For cancelation of labor contracts, see **331.134**

.137 3 Effects

.137 4 Distribution and incidence

.137 7 Prevention and relief

For guaranteed-wage plans, see **331.23**

.137 8 In specific occupations

For specific elements, see **331.137 2 – 331.137 7**

.137 81 Service and professional

Divide like **001–999**, e.g., commercial artists **331.137 817 416**

.137 82–.137 89 Other

Extractive, manufacturing, construction

Divide like **620–690**, e.g., automobile workers **331.137 829 2**

.137 9 Historical and geographical treatment

Add area notations **1–9** to **331.137 9**

.138 Reemployment

331.15 Conciliation practices

Settlement of labor-management differences thru discussions, deliberations, recommendations of third party

.152 Use of labor-management committees

Industrial democracy

.154 Mediation

Non-compulsory recommendations by third party

.155 Arbitration

Compulsory decisions by third party

[.16] Labor courts

Class in **347.9**

.18 Industrial relations in specific industries

For specific elements, see **331.11–331.15**

.181 Service and professional

Divide like **001–999**, e.g., railroad transportation industry **331.181 385**

.182–.189 Other

Extractive, manufacturing, construction

Divide like **620–690**, e.g., chemical industries **331.186**

.19 Historical and geographical treatment of industrial relations

Add area notations **1–9** to **331.19**

.2 Wages

Compensation in money, goods, services, computed on hourly, weekly, monthly, annual, piece basis

Including compensation of Christian clergymen [*formerly also* **254.8**], of teachers [*formerly* **371.16**], of physicians [*formerly also* **614.25**], fees and commissions in building contracting [*formerly also* **692.8**]

For wages of special classes of workers, see **331.3–331.6**

331.201 Philosophy and theory

Class theories in **331.21**

[.209] Historical and geographical treatment

Do not use; class in **331.29**

► 331.21–331.25 Specific elements

.21 Principles

.215 Fixing rates

Minimums, maximums, incentives, differentials; relation of rates to supply and demand, to bargaining power, to production, to consumption and cost of living (adequacy)

.218 Plurality of wages

Thru plurality of employment of one person, of members of one family unit

---

► 331.22–331.23 Wage contracts

.22 Wage scales

.23 Guaranteed-wage plans

.25 Fringe benefits

.252 Pension systems

Including teachers' pensions [*formerly* **371.17**]

.255 Other

Health and welfare programs, paid vacations and sick leave, life insurance

[.26] Laws

Class in **340**

.28 Wages in specific occupations

For specific elements, see **331.21–331.25**

.281 Service and professional

Divide like **001–999**, e.g., wages of domestic workers [*formerly* **331.284 7**] **331.281 647**

331.282–.289 Other

Extractive, manufacturing, construction

Divide like **620–690**, e.g., wages in building trades **331.289**

Class wages of domestic workers [*formerly* **331.284 7**] in **331.281 647**

.29 Historical and geographical treatment of wages

Add area notations **1–9** to **331.29**

► **331.3–331.6 Special classes of workers**

Industrial relations, wages, work periods, training and rehabilitation programs, organizations, disputes, specific occupations

Observe the following table of precedence; e.g., aged Negro women **331.398**

Specific age groups
Women
Substandard wage earners
Other groups

.3 **Specific age groups**

► 331.31–331.34 Young people

For young people in specific occupations, see **331.38**

.31 Children

Thru age thirteen

.34 Youth

Ages fourteen to twenty

.38 Young people in specific occupations

Children and youth

.381 Service and professional

Divide like **001–999**, e.g., theatrical people **331.381 792**

.382–.389 Other

Extractive, manufacturing, construction

Divide like **620–690**, e.g., textile workers **331.387 7**

331.39 Other age groups

.394 Middle aged

.398 Aged

.398 8 In specific occupations

.398 81 Service and professional

Divide like **001–999**, e.g., librarians **331.398 810 2**

.398 82–.398 89 Other

Extractive, manufacturing, construction

Divide like **620–690**, e.g., agricultural workers **331.398 83**

.4 Women

► 331.42–331.43 Specific elements

.42 Wages

.43 Married women

.48 In specific occupations

For specific elements, see **331.42–331.43**

.481 Service and professional

Divide like **001–999**, e.g., research workers **331.481 001 4**

.482–.489 Other

Extractive, manufacturing, construction

Divide like **620–690**, e.g., pulp and paper workers **331.487 6**

.5 Substandard wage earners

Scope: competition between substandard wage labor and other labor

.51 Convicts

.54 Contract workers

.55 Apprentices [*formerly* 331.86]

.57 Drafted workers

Emergency labor in war and peace

331.58 Slaves, political and war prisoners

.582 Slaves

.584 Political and war prisoners

.59 Workers suffering physical and mental handicaps

.6 Other groups

.62 Immigrants

Add area notations **1–9** for place of origin to **331.62**, e.g., immigrant workers from China **331.625 1**; then add **0** and add area notations **1–9** for place where located, e.g., immigrant workers from China in California **331.625 107 94**

For seasonal workers, see **331.66–331.67**

.63 Native-born nonindigenous ethnic groups

Including Jews [*formerly* **331.68**]

Divide like **420–490**, e.g., Negroes **331.639 6**; then add **0** and add area notations **1–9** for place where located, e.g., Negro workers in United States **331.639 607 3**

For seasonal workers, see **331.66–331.67**

► 331.66–331.67 Seasonal workers

.66 Sharecroppers

.67 Casual-migratory workers

[.68] Jews

Class in **331.63**

.69 Indigenous ethnic groups

Divide like **420–490**, e.g., North American Indians **331.699 7**

For seasonal workers, see **331.66–331.67**

.7 Labor by occupation

Use **331.700 1 – 331.700 9** for standard subdivisions

For a specific element of labor, see the subject, e.g., wages **331.2**

.702 Choice of vocation [*formerly* 371.425]

.71 The professions

For specific professional occupations, see **331.761**

331.76 Specific occupations

(Optional: specific subjects as professions or occupations; prefer standard subdivision 023)

.761 Service and professional

Divide like 001–999, e.g., photography 331.761 77

.762–.769 Other

Extractive, manufacturing, construction

Divide like 620–690, e.g., food processing 331.766 4

.79 Specific groups of occupations

For the professions, see 331.71

.794 Skilled crafts

.795 Public service

Elected and appointed civil servants

.798 Unskilled work

.8 Other topics

Class these topics in relation to special classes of workers in 331.3–331.6

SUMMARY

331.81	Occurrence and duration of work periods
.86	Training and rehabilitation programs
.88	Labor organizations (Labor unions)
.89	Disputes between labor and management

.81 Occurrence and duration of work periods

Length of day and week, rest periods, shift systems, night work, overtime, leaves of absence

[.810 9] Historical and geographical treatment

Do not use; class in 331.819

.818 In specific occupations

.818 1 Service and professional

Divide like 001–999, e.g., nursing 331.818 161 073

331.818 2–.818 9 Other

Extractive, manufacturing, construction

Divide like 620–690, e.g., coal mining 331.818 223 3

.819 Historical and geographical treatment

Add area notations 1–9 to 331.819

[.82] Industrial hygiene

Class in 613.62

[.823] Accidents in industry

Class in 614.85

[.83] Welfare services to laboring classes

Class in 362.85

[.833] Housing

Class in 301.54

[.85] Workers' supplementary education

Class in 374

.86 Training and rehabilitation programs

Class apprentices [*formerly* 331.86] in 331.55

.861 Apprenticeship

.863 Other on-the-job and in-service training

.868 Rehabilitation

.88 Labor organizations (Labor unions)

Use 331.880 01 – 331.880 08 for standard subdivisions

[.880 8] Union racketeering and gangsterism

Class in 364.143

.880 9 Historical and geographical treatment

.880 91 International unions

.880 93–.880 99 Treatment by continent, country, locality

331.881 In specific occupations

.881 1 Service and professional

Divide like **001–999**, e.g., teachers' unions **331.881 137 11**

.881 2–.881 9 Other

Extractive, manufacturing, construction

Divide like **620–690**, e.g., garmentworkers' unions **331.881 87**

► 331.883–331.886 Specific kinds

For unions in specific occupations, see **331.881**

.883 Company unions

.886 Revolutionary unions

.889 Open, union, closed shop

.89 Disputes between labor and management

► 331.892–331.893 Retaliatory measures by labor

.892 Strikes (Walkouts)

[.892 09] Historical and geographical treatment

Do not use; class in **331.892 9**

► 331.892 2 – 331.892 4 Kinds

For strikes in specific occupations, see **331.892 8**

.892 2 Organized

.892 3 Sympathetic

.892 4 Outlaw

.892 7 Picketing

.892 8 In specific occupations

.892 81 Service and professional

Divide like **001–999**, e.g., musicians' strikes **331.892 817 8**

331.892 82–.892 89 Other

Extractive, manufacturing, construction

Divide like **620–690**, e.g., strikes of rubber workers **331.892 878**

.892 9 Historical and geographical treatment

Add area notations **1–9** to **331.892 9**

.893 Other

Sabotage, boycotts, sit-down strikes, injunctions, political action

.894 Retaliatory measures by management

Lockouts, strikebreaking, blacklisting, whitelisting, injunctions, political action

.898 Government intervention

332 Lucrative capital

Former heading: Financial economics

Theory, formation, manipulation, utilization, exchange of money, deposits, credits, evidences of ownership

For public finance, see **336**; *cooperative systems,* **334**

.024 Personal finance

Including thrift

.06 Organizations

Class financial institutions in **332.1–332.3**

SUMMARY

332.1	Banks and banking
.2	Savings banks and banking
.3	Credit and loan institutions and their functions
.4	Money
.5	Noncommodity money and other mediums of exchange
.6	Investment finance
.7	Credit
.8	Interest and discount
.9	Counterfeiting, forgery, alteration

► **332.1–332.3 Financial institutions and their functions**

For clearing houses, see **332.78**

332.1 **Banks and banking**

► 332.11–332.15 Specific kinds of banks and their functions

.11 Central

Including banks of issue, implementation of national monetary policies

.12 Commercial (Deposit)

For savings banks and banking, see **332.2**

.13 Private (Unincorporated)

[.14] Trust services

Class in **332.178**

.15 International

.152 For monetary stabilization and balance of payments

Including International Monetary Fund [*formerly* **332.43**]

.153 For development of resources and production

Including International Bank for Reconstruction and Development (World Bank), International Finance Corporation, International Development Association

.154 For promotion of trade

.155 For international settlements

Including Bank for International Settlements

.16 Multiple banking

Branch and chain banking, syndicates, mergers

.17 Bank units

.172 Departmentalization

► 332.175–332.178 Functions and services

Class functions and services characteristic of specific kinds of banks in **332.11–332.15, 332.2**

332.175 General

Deposits, reserves, loans, investments

.178 Special

Including trust services [*formerly* **332.14**], safe-deposit services [*formerly* **332.27**]

.2 **Savings banks and banking**

Mutual and stock

.22 Postal savings banks

.24 Savings departments of commercial banks

[.27] Safe-deposit services

Class in **332.178**

.3 **Credit and loan institutions and their functions**

.31 Agricultural institutions

Including land banks

.32 Building and loan associations

.34 Pawnshops

.35 Personal loan and sales finance institutions

► **332.4–332.8 Forms of lucrative capital**

Instruments and functions

.4 **Money**

For noncommodity money, see **332.5**

.401 Theories

Including quantity theory, circulation and velocity theory, equation of exchange theory

[332.409] Historical and geographical treatment

Do not use; class in 332.49

.41 As a medium of exchange (Legal tender)

.413 Value fluctuations

Relationship of monetary values and prices

.414 Volume fluctuations

Including deflation, inflation

.42 As a standard of value

Scope: international standards [*formerly* 332.43], nonmetallic standards [*formerly* 332.56]

► 332.422–332.425 Commodity standards

.422 Monometallism (Single standard)

Gold coin and bullion

.423 Bimetallism (Double standard)

Gold and silver coins and bullion

Class symmetallism [*formerly* 332.423] in 332.424

.424 Symmetallism [*formerly* 332.423]

Combination of metals

.425 Composite commodity money

Staple commodities in predetermined proportions

► 332.427–332.428 Noncommodity standards

.427 Free (Inconvertible)

Foreign exchange relatively unrestricted

.428 Controlled

Foreign exchange strictly regulated

[.43] International agreements

Class International Monetary Fund in 332.152, international standards in 332.42

332.45 Foreign exchange

International monetary systems

.46 Minting policies and practices

Including token money [*formerly* 332.54]

.49 Historical and geographical treatment

Add area notations 1–9 to 332.49

.5 Noncommodity money and other mediums of exchange

Scope: credit (fiduciary) currency

.52 Fiat money

.53 Paper money

.55 Barter instruments

Nonregulated commodities

.56 Managed currency and social credit money

Class nonmetallic standards [*formerly* 332.56] in 332.42

.6 Investment finance

SUMMARY

332.61	Securities exchanges
.62	Brokerage firms
.63	Securities (Evidences of ownership)
.64	Exchange of securities (Trading procedures)
.65	International exchange of securities
.66	Investment banking
.67	Investment and investments
.68	Lotteries

.61 Securities exchanges

Stock and commodity

.62 Brokerage firms

.63 Securities (Evidences of ownership)

Description, evaluation (price yield, prospects for growth)

.632 Specific forms

.632 2 Stocks

.632 23 Common

.632 25 Preferred

332.632 3 Bonds
.632 4 Mortgages
.632 7 Mutual funds
.632 8 Commodities
.633 Specific classes
.633 2 Public
.633 3 Private
.64 Exchange of securities (Trading procedures)
Class regulation [*formerly* 332.64] in 350.825
For international exchange of securities, see 332.65

.642 On organized exchanges
.643 Over the counter
.644 Commodity exchange transactions
.645 Speculation
.65 International exchange of securities
.66 Investment banking
Long-term financing by banks and syndicates thru public issue, underwriting, purchase and resale

.67 Investment and investments
.670 28 Apparatus and equipment
Class techniques in 332.678

.672 Domestic
.673 Foreign
.673 09 Historical and geographical treatment
Class foreign investments by specific countries in 332.673 3 – 332.673 9

.673 3–.673 9 By specific countries
Add area notations 3–9 to 332.673, e.g., British foreign investments 332.673 42; then add 0 and add area notations 1–9 for place of investment, e.g., British foreign investments in Brazil 332.673 420 81

.678 Investment practices and techniques
Including forecasting, formula plans

332.68 Lotteries
Including lists of drawings

.7 **Credit**

► 332.71–332.74 Specific kinds
.71 Agricultural
Loans for promoting agricultural operations

.72 Real-estate
Including mortgage loans

.74 Other
.742 Commercial, mercantile, industrial
.743 Personal loans
Including chattel mortgages, consumer credit

.75 Credit collapse and restrictions
.754 Insolvency and bankruptcy

► 332.76–332.77 Credit instruments
.76 Deposit transfer instruments
Checks and money orders

.77 Other
Commercial paper, promissory notes, drafts, letters of credit

.78 Clearinghouses

.8 Interest and discount
Class interest and discount tables in 511.802 12

.82 Legal interest
.83 Usury
.84 Discount and rediscount

.9 Counterfeiting, forgery, alteration
Of currency, securities, credit instruments

333 **Land (Natural resources)**

.001 Philosophy and theory

Class theories in 333.01

.002–.009 Other standard subdivisions

.01 Theories

.012 Economic rent [*formerly* 333.5]

Ricardo's theory of payment for use of land in terms of its relative productivity

SUMMARY

333.1 Public land (Public domain)
.2 Common land
.3 Private land
.4 Absentee ownership
.5 Rental
.6 Urban rent
.7 Surface resources and general conservation policies
.8 Subsurface (Mineral) resources
.9 Other natural resources

► 333.1–333.6 Specific forms of control

For control of specific types of natural resources, see 333.7–333.9

.1 **Public land (Public domain)**

Land over which government exercises sole right of control

.13 Expropriation

.14 Nationalization

.16 Free disposal (Land grants)

.2 **Common land**

Land over which each member of an association exercises equal rights of control

.3 **Private land**

Land over which single owner exercises right of control

.32 Types (Land tenure)

For absentee ownership, see 333.4

.322 Feudal tenure

333.323 Individual ownership (Alodium)

.324 Corporation ownership

.33 Real estate

Class management of real-estate business [*formerly* 333.33] in 658

For subdivision and development, see 333.38

► 333.332–333.334 Specific kinds of transactions

For specific types of real estate, see 333.335–333.339

.332 Valuation

Appraisal, effect of specific factors, price determination

.333 Sale and transfer

.334 Rental

► 333.335–333.339 Specific types of real estate

Appraisal, sale, transfer, rental

.335 Agricultural

.336 Industrial

.337 Urban

.339 Other

[.34] Titles and deeds

Class law in 340, public administration in 350.825

[.35] Inheritance

Class in 340

.38 Subdivision and development

.4 **Absentee ownership**

.5 **Rent**

Class economic rent [*formerly* 333.5] in 333.012

For urban rent, see 333.6

.53 Tenancy

For relations between landlord and tenant, see 333.54

333.54 Landlordism

Including relations between landlord and tenant

.55 Agricultural rent

.6 Urban rent

.62 Ground rent

Rent of land for building and industrial development

.63 Building rent

► 333.7–333.9 Specific types of natural resources

Ownership, control, economic importance, settlement, utilization, conservation policies

.7 Surface resources and general conservation policies

.72 General conservation policies

Class conservation policies of specific types of terrestrial resources in 333.73–333.92

► 333.73–333.78 Surface land resources

.73 Wastelands

Including arid and semiarid lands

.74 Pasture lands

.75 Forest lands

Including forest policy [*formerly* 634.925], forest resources [*formerly* 634.927]

.76 Agricultural lands

For pasture lands, see 333.74; *forest lands,* 333.75

.77 Urban lands

.78 Recreational lands

Parks, playgrounds, wildlife refuges

.8 Subsurface (Mineral) resources

333.9 Other natural resources

.91 Water and land adjoining it

Use 333.910 01 – 333.910 09 for standard subdivisions

.910 2 Surface water

.910 4 Ground (Subsurface) water

► 333.912–333.915 Water for specific uses

.912 For industrial and domestic use

Including potable water

.913 For irrigation

.914 For power

.915 For navigation

► 333.916–333.918 Specific kinds of water and land adjoining it

For water for specific uses, see 333.912–333.915

.916 Sea water

.917 Shorelands

Including littoral and riparian rights

.918 Submerged lands and tidelands

.92 Air

.94 Space

► 334–335 Special methods of organization for production, distribution, consumption

334 Cooperative systems

Joint ownership and operation of economic enterprises and activities by voluntary groups for their own benefit

.1 Building and housing

.2 Banking and credit

Including credit unions

334.5 **Distribution (Consumers' cooperatives)**

For housing, see 334.1

.6 **Production**

.68 In specific industries

.681 Service and professional

Divide like 001–999, e.g., cooperative medical services 334.681 61

For banking and credit, see 334.2; *building and housing,* 334.1

.682–.689 Other

Extractive, manufacturing, construction

Divide like 620–690, e.g., cooperative cattle production 334.683 62

.7 **Benefit societies**

Friendly, mutual-aid, benevolent, provident

335 Collectivist systems and schools

Integrated assertions, theories, aims of economic and politicoeconomic ideologies

If preferred, class in 330.159

Use 335.001–335.009 for standard subdivisions

For political theories and ideologies of collectivism, see 320.53

.02 Utopian systems and schools

Voluntary association

Class specific utopian systems in 335.1–335.3

► **335.1–335.3 Utopian and humanitarian systems**

For utopian and humanitarian socialist and anarchist communities, see 335.9

.1 **Of English origin**

.12 Utopian socialism

Including Owenism

.14 Fabian socialism

.15 Guild socialism

335.2 **Of French origin**

Including Fourierism (Phalansterianism) [*formerly* 335.3], Babouvism, Icarianism, Saint-Simonism

.3 **Of American origin**

Class Fourierism (Phalansterianism) [*formerly* 335.3] in 335.2

.4 **Marxian systems**

.401 Philosophy and theory

Class basic concepts in 335.41

.41 Basic concepts

.411 Philosophic foundations

Dialectical materialism, historical materialism, Marx's materialism and theory of knowledge, theory of class struggle, labor theory of value

.413 Aims

Dictatorship of the proletariat, world revolution, internationalism, classless society

.42 Scientific socialism

Including First International, Second International, Vienna International

.43 Revolutionary socialism (Communism)

For communist international organizations, see 335.44

.432 Methods of propagation

.437 Comparative studies

Comparison with capitalism, cooperation, other forms of collectivism

.438 Attitude toward and influence on other subjects

Divide like 001–999, e.g., attitude toward and influence on religion 335.438 2

.44 Communist international organizations

Including Third International (Comintern), Cominform

335.5 **State socialism and social democracy**

Nationalization of key industries

For Fabian socialism, see 335.14

.6 **Nationalist socialism**

Including fascism, nazism, Falangism

.7 **Christian socialism**

Including Catholic socialism

For Christian socialist and anarchist communities, see 335.9

.8 **Other systems**

.82 Syndicalism

.83 Anarchism

For anarchist communities, see 335.9

.9 **Utopian, humanitarian, Christian socialist and anarchist communities**

Add area notations 3–9 to 335.9

336 Public finance

Financial transactions of governments and their units

Scope: local government finance [*formerly* 352.1]

Use 336.001–336.008 for standard subdivisions

Class financial administration of governments in 350.71–350.72

.02 Revenue

Add area notations 1–9 to 336.02

Class specific forms of revenue in 336.1–336.2

.09 Historical and geographical treatment

.091 Regions, areas, places, groups in general

.091 6 Associations of sovereign states [*formerly* 341.11–341.18]

.091 62 League of Nations

.091 63 United Nations

.091 68 Regional associations

336.093 The ancient world

[.094–.099] Continents, countries, localities in modern world

Do not use; class in 336.4–336.9

► **336.1–336.3 Specific elements**

► **336.1–336.2 Revenues**

Class comprehensive works in 336.02

.1 **Nontax (Commercial and voluntary)**

For fees, see 336.273; *licenses,* 336.274

.11 From rents and franchises

.12 From sale of government property

.15 From deposits, investments, loans

.16 From gifts and fines

.17 From lotteries

.18 Inter- and intragovernmental revenues

.182 From reparations and interest on war loans

.185 From one government unit to another

Grants from higher units, technical assistance funds

.188 From international grants

.19 From government services, industries, monopolies

.2 **Taxation (Compulsory revenues)**

Scope: taxation of motor land vehicles [*formerly* 629.213]

Use 336.200 1 – 336.200 9 for standard subdivisions

Class tax administration [*formerly* 336.2] in 350.724

► 336.202–336.204 Types of taxes by base

.202 On wealth

.202 2 Property taxes

.202 4 Death taxes

.203 On income

336.204 On activities

.204 2 Production

.204 3 Distribution

.204 4 Consumption

.204 8 Civic activities

SUMMARY

336.21	Direct taxes
.22	Real property taxes
.23	Personal property taxes
.24	Income taxes
.25	Poll taxes
.26	Customs taxes (Customs duties)
.27	Other taxes
.29	General principles

► 336.21–336.27 Specific taxes and kinds of taxes

.21 Direct taxes

Class a specific direct tax with the subject

.22 Real property taxes

On real estate, land, buildings, permanent improvements

.23 Personal property taxes

Tangible and intangible

Including capital levies [*formerly* 336.25]

.24 Income taxes

From wages, salaries, rents, investments

For estate, inheritance, gift taxes, see 336.276

.242 Personal

.243 Corporation

Including surplus and excess profits taxes

.25 Poll taxes

Class capital levies [*formerly* 336.25] in 336.23

.26 Customs taxes (Customs duties)

.263 Export and transit taxes

336.264 Import taxes

For import tax schedules, see 336.265

.265 Import tax schedules

For import taxes on specific commodities, see 336.266

.266 Import taxes on specific commodities

Divide like 001–999, e.g., taxes on paintings 336.266 75

.27 Other taxes

.271 Indirect

For customs duties, see 336.26; *taxes on specific commodities and services,* 336.278

.271 1 Excise, sumptuary, luxury

.271 3 Transaction (Turnover)

.271 32 Sales

.271 35 Use

.272 Stamp taxes and revenue stamps

.273 Fees

For government services conferring special benefits

.274 Licenses

To engage in specific acts, businesses, professions

.276 Estate, inheritance, gift taxes

.278 Taxes on specific commodities and services

Divide like 001–999, e.g., taxes on theater tickets 336.278 792

Class a specific kind of taxes on a specific commodity with the subject, e.g., import taxes 336.266

.29 General principles

Class types of taxes by base in 336.202–336.204, specific taxes and kinds of taxes in 336.21–336.27

.293 Rates

336.294 Incidence

Scope: distribution, exemptions, double taxation

.294 2 On persons

.294 3 On corporations and business firms

.294 4 On other organizations

.295 Economic effects

.3 Credit, borrowing, expenditure

► 336.31–336.36 Credit and borrowing

► 336.31–336.32 Public securities

Class public securities as investments in 332.633 2

.31 Funded debts

Interest-bearing long-term government securities and bonds

Including credit bonds

.32 Unfunded debts (Floating debts)

Short-term securities usually held in treasury bills

.34 Public borrowing and public debt

Theory, character, bases, burden, economic effect

.343 By sources and borrowing units

.343 1 Local

.343 2 State and provincial

.343 3 National

Borrowing from own citizens

.343 5 International

.344 Flotation of loans

Compulsory and voluntary loans, subscriptions, allotments, marketability

.346 Limitation of public indebtedness

.36 Liquidation of public debts

.363 Repayment and redemption

336.368 Repudiation and abrogation

Including public insolvency

.39 Expenditure

Character, principles, classification, justification

.4–.9 Public finance by continent, country, locality in modern world

Add area notations 4–9 to 336

[337] Tariff

Class comprehensive works in 382, government regulation and control of international trade in 350.827

338 Production

Creation of wealth as form utility thru extraction and manufacture, as place utility thru transportation, as time utility thru storage, as ownership (possession) utility thru exchange, as personal service utility

Scope: specific firms and enterprises

Class marketing in 380.1, public administration aspects of government control and regulation of production in 350.82 [*both formerly* 338]

.001 Philosophy and theory

Class general principles and theories in 338.01

.002 Miscellany

.002 5 Directories of producers

.003–.008 Other standard subdivisions

.01 General principles and theories

[.010 9] Historical and geographical treatment

Do not use; class in 338.019

.012 Factors of production

Relative importance, interrelations of land, labor, capital, entrepreneurship

For specific factors, see 331–333

.013 Costs of production

Class a specific cost with the subject

338.016 Laws of production

Including supply and demand, diminishing returns, marginal utility, comparative advantage

.018 Methods

.018 2 Diversification and specialization

.018 3 Change

Conversion from one kind of economy to another, e.g., agricultural to manufacturing, from production of one commodity or group of commodities to another

.018 5 Cooperation and competition

.018 6 Control

.019 Historical and geographical treatment of general principles and theories

Add area notations **1–9** to **338.019**

.02 Lists of commodities and services

.06 Machines in production [*formerly* 338.45]

.064 Automation

.09 Historical and geographical treatment

Industrial situation, existing and potential resources for production

Scope: industrial surveys, location of industries, productivity

Class a specific resource with the subject, e.g., water for power **333.914**

SUMMARY

338.1–.3 Primary (Extractive) industries

.1 Agricultural
.2 Mineral
.3 Other
.4 Secondary industries
.5 Prices and business cycles in relation to production
.6 Systems
.7 Organization and structure
.8 Combinations
.9 Production programs and policies

► **338.1–338.4 Specific kinds of industries**

Production of specific kinds of goods and services

For systems and organization of production, see **338.6–338.8**

► **338.1–338.3 Primary (Extractive) industries**

Scope: machines in production [*formerly* **338.45**]

338.1 Agricultural

► 338.12–338.16 Specific elements

.12 Control

Class collectivist farms [*formerly* **338.12**] in **338.762–338.769**

.13 Financial considerations

Costs, valuation, prices

Including prices of specific products [*formerly* **338.17**]

.15 Maladjustments in production

Surpluses and shortages

For food supply, see **338.19**

.16 Machines in production

Scope: automation

Divide like **633–638**, e.g., machines in production of wheat **338.163 11**

.17 Specific products

Divide like **633–638**, e.g., rice **338.173 18**

Class prices of specific products [*formerly* **338.17**] in **338.13**

For specific elements, see **338.12–338.16**

.19 Food supply [*formerly also* 641.3]

Add area notations **1–9** to **338.19**

.2 Mineral

► 338.22–338.26 Specific elements

.22–.25 Control, finance, maladjustments

Including cost of irrigation water [*formerly also* **631.75**]

Divide like **338.12–338.15**, e.g., shortages **338.25**

338.26 Machines in production

Scope: automation

Divide like **553**, e.g., machines in extraction of bituminous coal **338.262 4**

.27 Specific products

Divide like **553**, e.g., water **338.277**

For specific elements, see **338.22–338.26**

.3 Other

► 338.32–338.36 Specific elements

.32–.35 Control, finance, maladjustments

Divide like **338.12–338.15**, e.g., shortages **338.35**

.36 Machines in production

Including automation

.37 Specific products

For specific elements, see **338.32–338.36**

.372 Hunting and fishing products

Divide like **592–599**, e.g., sponges **338.372 34**

.4 Secondary industries

► 338.42–338.45 Specific elements

For maladjustments in production, see **338.49**

.42–.43 Control and finance

Divide like **338.12–338.13**, e.g., control **338.42**

.45 Machines in production

Class comprehensive works in **338.06**, machines in production in primary industries in **338.1–338.3** [*both formerly* **338.45**]

.454 Automation

For automation in specific industries, see **338.456**

338.456 In specific industries

Scope: automation

.456 1 Service and professional

Divide like **001–999**, e.g., machines in hairdressing **338.456 164 672 4**

.456 2–.456 9 Other

Manufacturing and construction

Divide like **620–690**, e.g., machines in textile manufacture **338.456 77**

► 338.46–338.47 Goods and services

For specific elements, see **338.42–338.45**

.46 Professional services

For specific services, see **338.47**

.47 Specific goods and services

Including medical economics [*formerly* **614.25**], economics of pharmacy [*formerly* **615.406 5**]

Divide like **001–999**, e.g., textile manufacture **338.476 77**

.49 Maladjustments in production [*formerly* 338.542]

Surpluses and shortages

.5 Prices and business cycles in relation to production

For specific kinds of goods and services, see **338.1–338.4**

.52 Prices

Wholesale and retail

► 338.522–338.526 Determination

522 In competitive free markets

Prices based on costs, on supply and demand

.523 In monopolistic markets

Prices based on intra-industry agreements

Including price leadership

338.526 By outside control

Class price control legislation [*formerly* **338.526**] in **340**

.528 Levels

Statistics, index numbers, Fisher's ideal index, price movements

.54 Business cycles

.542 Causes

Including maladjustments in production

Class maladjustments in production of secondary industries [*formerly* **338.542**] in **338.49**

.544 Business forecasting

► **338.6–338.8 Systems and organization of production**

.6 Systems

.63 Cottage industries

Household, family, domestic system: assigning major steps of manufacture for performance at home by family unit

Including specific cottage industries

.64 Small industries

Handicrafts, skilled trades, modern guilds

Including specific small industries [*formerly* **338.76**]

.65 Large industries

Factory systems utilizing assembly-line and continuous methods

Including specific large industries [*formerly* **338.76**]

.7 **Organization and structure**

Scope: entrepreneurship

For organization and structure of combinations, see **338.8**

► 338.72–338.74 Specific kinds of organization and structure

For specific industries, see **338.76**

.72 Individual proprietorships

338.73 Partnerships and unincorporated companies

.74 Corporations

.76 In specific industries

Scope: individual proprietorships, partnerships, companies, corporations

Class specific small industries in **338.64**, specific large industries in **338.65** [*both formerly* **338.76**]

.761 Service and professional

Divide like **001–999**, e.g., law **338.761 34**

.762–.769 Other

Extractive, manufacturing, construction

Including collectivist farms [*formerly also* **338.12**]

Divide like **620–690**, e.g., agriculture **338.763**

.8 **Combinations**

Organization and structure for massive production and control of production

---

► 338.82–338.86 Within one country

.82 Monopoly and monopolies

.826 In specific industries

.826 1 Service and professional

Divide like **001–999**, e.g., in telephone communication **338.826 138 46**

.826 2–.826 9 Other

Extractive, manufacturing, construction

Divide like **620–690**, e.g., in gem diamond mining **338.826 223 82**

.85 Trusts

.86 Holding companies

.88 International

Divide like **338.82–338.86**, e.g., international trusts **338.885**

338.9 **Production programs and policies**

Scope: control, subsidies, grants by government; nationalization

Use 338.900 1 – 338.900 9 for standard subdivisions

For specific kinds of industries, see 338.1–338.4

.902 Autarky (Self-sufficiency)

.903 Interdependence

.91 International

Foreign economic policies, relations, assistance

Add area notations 3–9 to 338.91, e.g., British foreign economic policy 338.914 2; then, for foreign economic relations between two countries, add 0 and again add area notations 3–9, e.g., economic relations between Great Britain and France 338.914 204 4

Give priority in notation to the country requiring local emphasis, e.g., libraries in United States class foreign economic relations between Great Britain and United States in 338.917 304 2. If the two countries require equal emphasis, give priority to the country coming first in the sequence of area notations

.93–.99 National, state, provincial, local

Add area notations 3–9 to 338.9

339 Distribution of capital goods and consumption of consumer goods

Former heading: Income and wealth

For special methods of organization for distribution and consumption, see 334–335

.2 **Distribution and accounting of income and wealth**

Social and national accounting, economic budget

For personal income, see 339.41; *national income accounts,* 339.3

.21 Functional distribution of income

Rent, wages, interest, profits

.23 Input-output accounts (Interindustry accounts)

Accounts and analysis of goods and services provided by each industry for all other industries and consuming units

.26 Flow-of-funds accounts

339.3 **National income accounts**

Gross and net national product by expenditure or cost; valuation of income, wealth, capital

Add area notations 3–9 to 339.3

.4 **Consumption and conservation of income and wealth**

.41 Personal income

.42 Cost and standard of living

[.420 7] Consumer education

Class in 640.73

.43 Deferred consumption (Savings)

.46 Underconsumption

Economic aspects of poverty, hoarding

For deferred consumption, see 339.43

.47 Control of consumption

Personal, social, government restrictions

Including rationing

.48 Consumption of specific commodities

Divide like 001–999, e.g., consumption of agricultural products 339.486 3

.49 Conservation of national resources

Add area notations 1–9 to 339.49

For conservation policies for natural resources, see 333.7–333.9

340 Law

Principles and regulations emanating from government and applicable to the people, in the form of legislation, custom, policies recognized and kept in force by judicial decision

The editors anticipate the preparation at a future date of a completely revised schedule 340, which will provide for all law, including law of specific subjects. Such a schedule will virtually eliminate the use of standard subdivision 026 except as an option. For the present, class in 340 without subdivision all branches of law not specifically provided for in subordinate numbers

Class here the following topics formerly provided for as indicated:

Library laws	[021.89]
Press law	[070.13]
Prohibition	[178.5]
Laws on Sunday observance	[263.8]
Laws on citizenship	[323.61]
Laws on wages	[331.26]
Law of real estate titles and deeds	[333.34]
Inheritance of real estate	[333.35]
Price control legislation	[338.526]
Administrative law	[351.94–351.95]
Correctional courts	[364.5]
Insurance law	[368]
School laws and regulations	[379.14]
Legal status of women	[396.2]
Laws, regulations, legal aspects of public health	[614]
Laws and regulations on engineering	[620.07]
Laws on electrical installations	[621.300 7]
Laws and regulations on mining engineering	[622.007]
Rules of the road in seamanship	[623.88]
Law on motor land vehicles	[629.213]
Copyright	[655.6]
Building laws	[692.9]
Plumbing laws	[696.9]
Laws and regulations on area planning	[711.17]
Zoning laws and regulations	[711.51]

If preferred, class law of a specific subject in standard subdivision 026

.01–.09 **Standard subdivisions**

Class theories in 340.1

.1 **Theories**

Including law of nature (natural law)

340.3 **Antiquities**

Torture, trial by ordeal, trial by duel, benefit of clergy, right of asylum

.4 **Trial by jury**

.5 **Comparative legislation**

.6 **Medical jurisprudence (Forensic medicine)**

[.9] **Anecdotes**

Class in 800

341 International law (Law of nations)

Laws, procedures, institutions that govern public relations between sovereign states, private relations between their citizens, in peace and war; international cooperation and international responsibility of states

Including jurisdiction on land and sea, in air and space

SUMMARY

341.1	Cooperation to promote peace and order
.2	Treaties
.3	Law of war
.4	Criminal law
.5	Special topics
.6	Pacific settlement of disputes
.7	Diplomacy
.8	Consular systems

.1 **Cooperation to promote peace and order**

For pacific settlement of disputes, see 341.6

[.106] Organizations

Do not use; class in 341.11–341.18

► 341.11–341.18 Associations of sovereign states

Class comprehensive works in 341.11

Class public finance of associations of sovereign states [*formerly* 341.11–341.18] in 336.091 6

.11 Comprehensive works

Class general international organizations [*formerly* 341.11] in 060

For specific associations, see 341.12–341.18

► 341.12–341.18 Specific associations

Class divisions dealing with a specific subject with the subject

341.12 League of Nations

Divide like **341.13**, e.g., League of Nations charter **341.122**

.13 United Nations

.132 Charter

.133 General Assembly and general committees

.135 Security Council and its committees

.137 Secretariat

Executive office, departments, personnel

.139 Relationship to specific countries and regions

Add area notations **1–9** to **341.139**

.18 Regional associations

Associations of states of specific regions, associations to promote peace and order in specific regions

Add area notations **1–9** for specific regions to **341.18**, e.g., Organization of American States **341.181 812**

.2 Treaties

Scope: process of treaty making, texts of treaties

Add area notations **3–9** to **341.2**, e.g., treaties of Great Britain **341.242**; then, for treaties between two nations, add **0** and again add area notations **3–9**, e.g., treaties between Great Britain and France **341.242 044**

Give priority in notation to the country requiring local emphasis, e.g., libraries in United States class treaties between Great Britain and United States in **341.273 042**. If the two countries require equal emphasis, give priority to the country coming first in the sequence of area notations

341.3 Law of war

► 341.31–341.37 War between nations

► 341.31–341.35 General principles

Scope: law of land warfare

For law of sea warfare, see **341.36**; *of air warfare,* **341.37**; *of use of space for belligerent purposes,* **341.52**

.31 Belligerency and belligerents

Commencement, conduct, termination of war; reprisals, spies, atrocities, amnesty, blockade, invasion; rights of civilians, noncombatants, combatants

For prisoners of war, see **341.33**

.32 Occupation by military forces

.33 Prisoners

Capture, internment, treatment, repatriation, exchange of prisoners of war; internment of belligerents by neutral nations

.35 Neutrality and neutrals

Including commerce of neutral nations, contraband of war, right of visit and search, armed neutrality, nonintervention

.36 Law of sea warfare

Including privateering, prizes of war, prize courts, letters of marque

.37 Law of air warfare

Including aerial attack on cultural objects, open cities

.39 Civil war

Relation of other nations to nation undergoing civil war

.4 Criminal law

Including law of extraterritorial crime

.41 Trials of war criminals

.49 Jurisdiction, procedure, extradition, immunity

For extraterritoriality, see **341.7**

341.5 **Special topics**

.52 Law of outer space

Including sovereignty, economic rights, liability, use for commerce, for belligerent purposes

.57 Commercial law [*formerly also* 380]

Commerce by land, sea (maritime law), air

Including freedom of the seas, open seas, collisions at sea, shipwreck

For law of war, see 341.3; *law of use of outer space for commerce,* 341.52

.59 Private international law

Conflicts of laws of different countries affecting private interests applicable to persons

Including regulation of jurisdictions

.6 **Pacific settlement of disputes**

Negotiation, good offices, conciliation and commissions of inquiry, outlawry of war

.63 Arbitration and mediation

Including judicial settlement, courts of international arbitration

.65 Compulsive measures short of war

Sanctions, pacific blockade, embargo, economic boycott, intervention, international police

.67 Reduction, limitation, control of armaments

Scope: disarmament, demilitarization

.672 Nuclear weapons

.674 Gas weapons

.675 Biological weapons

.7 **Diplomacy**

Laws, rules, customs governing conduct of official relations between governments

Including capitulations, extraterritoriality, diplomatic privileges and immunities, protocol

.8 **Consular systems**

► **342–349 Municipal (Internal) law**

342 **Constitutional law**

Fundamental law of states

Use **342.001–342.007** for standard subdivisions

► 342.01–342.09 Comparative

.01 Texts

.02 Conventions

.03 Systems, commentaries, cases, digests

.08 Collections and anthologies

.09 Historical treatment (Constitutional history)

Class geographical treatment in **342.1–342.9**

.1–.9 **Geographical treatment**

Add area notations **1–9** to **342**, e.g., constitutional law of France **342.44**; then add **0** and divide like **342.01–342.09**, e.g., constitutional history of France **342.440 9**

343 **Criminal law**

.09 Historical and geographical treatment

Add area notations **1–9** to **343.09**, e.g., criminal law of France **343.094 4**; then add further as follows, e.g., penal codes in France **343.094 401**

01 Penal codes
02 Reports
03 Procedure, trials, evidence
04 Handbooks and outlines

► 343.1–343.2 General principles

For specific kinds of offenses, see **343.3–343.7**

.1 **Procedure, trials, evidence**

Including cross-examination, trial practice, instructions to juries, bail

[.109] Historical and geographical treatment

Do not use; class in **343.09**

343.2 **Punishments**

.3–.7 **Specific kinds of offenses**

Procedure, trials, evidence, punishments

Divide like 364.13–364.17, e.g., homicide 343.52

344 Martial law

Military authority to carry on government functions in times of war or emergency

---

► **345–346 United States and British statutes and cases**

If preferred, class in 349.4–349.9

345 United States

.1 **Session laws and statutes at large**

.11 Federal government

.12 States

Arrange alphabetically by name of state

.2 **Codes and revised statutes**

Divide like 345.1, e.g., Federal codes and revised statutes 345.21

.3 **Law digests**

Divide like 345.1, e.g., law digests of states 345.32

.4 **Reports**

Including Supreme Court reports, Attorney General's opinions

.41 Federal circuit and district courts

.415 Regions and groups of states

.42 Specific states

Arrange alphabetically by name of state

.5 **Digests of cases**

Divide like 345.1, e.g., digests of cases of states 345.52

346 British

United Kingdom and all parts of Commonwealth

Divide like 345, e.g., revised statutes 346.2

347 Private law and judicial system

Including common law

Use 347.001–347.009 for standard subdivisions

.01–.09 Standard subdivisions of private law

► **347.1–347.8 Private law**

.1 **Persons**

.2 **Real property**

.3 **Personal property**

.4 **Contract and quasi contract**

.42 Sale

.5 **Tort, negligence, damage**

.6 **Domestic relations and succession**

.65 Succession (Probate law)

.7 **Commercial law [*formerly also* 380]**

Including agency law

.75 Maritime law

.8 **Equity (Chancery)**

Including courts of equity and chancery

.9 **Judicial system**

Scope: courts of limited jurisdiction, e.g., labor courts [*formerly* 331.16]

Class criminal system in 343, administrative system in 340

► 347.91–347.96 Procedure, trials, rules

For procedure, trials, rules of specific courts and court systems, see 347.99

.91 Trials

Including cross-examination, trial practice, instructions to juries, bail

347 92 Pleading

Including briefs, arguments, declarations

.93 Forms

.94 Evidence

Physical (circumstantial) evidence; evidence of witnesses thru testimony, affidavits, depositions

.95 Remedies

Civil and judicial remedies, appellate procedure

.96 Local and auxiliary legal officers

Including justices of the peace, sheriffs, notaries public

► 347.97–347.99 Courts

For courts of equity and chancery, see 347.8

.97 Organization

Class treatment by continent, country, locality in 347.99

.972 Courts and court systems of national governments

.973 Courts and court systems of state and provincial governments

.974 Courts and court systems of local governments

.98 Jurisdiction

Including domestic conflicts of laws

Class treatment by continent, country, locality in 347.99

.99 Historical and geographical treatment

Organization, jurisdiction, history, procedure, trials, rules

Scope: specific courts and court systems

Add area notations 1–9 to 347.99

[348] Religious law

Class Christian church law in 262.9, ecclesiastic laws in other religions and in comparative religion in 290

349 Statutes and cases other than United States and British

.1 By regions, areas, places, groups in general

Add area notation 1 to 349, e.g., Islamic statutes and cases 349.176 7

► 349.3–349.9 By continent, country, locality

.3 Ancient

.31–.36 China, Egypt, Palestine, India, Mesopotamia, Europe

Add area notations 31–36 to 349

.37 Rome (Roman law)

.371 Pre-Justinian

Including the Twelve Tables

.372 Justinian Code (Corpus juris civilis)

For Institutes and Code, see 349.374; *Digest,* 349.375; *Novels,* 349.376

.374 Institutes and Code

.374 2 Code (Codex)

.374 4 Institutes (Institutiones)

.375 Digest (Digesta, Pandectae)

.376 Novels (Novellae constitutiones)

.38–.39 Greece and other parts of ancient world

Add area notations 38–39 to 349

.4–.9 Modern

(Optional: United States and British statutes and cases; prefer 345–346)

Add area notations 4–9 to 349, e.g., statutes and cases of France 349.44; then add 0 and divide like 345, e.g., code of France 349.440 2

350 Public administration

Structure and operation of agencies charged with conduct of governmental affairs

Use **350.000 1 – 350.000 9** for standard subdivisions

For legislative branch of government, see **328**; *judicial system,* **347.9**

► 350.001–350.009 The executive

.001 Bureaucracy

.002 Separation of powers

.003 Executive branch

Class component agencies in **350.004–350.005, 350.009**

► 350.003 2 – 350.003 6 The chief executive

.003 2 Powers, functions, privileges

.003 4 Term of office

.003 5 Executive messages, speeches, writings

.003 6 Impeachment, abdication, resignation

► 350.003 7 – 350.003 9 Other aspects of executive branch

.003 7 Relationship to other branches of government

.003 72 To legislature

.003 73 To judiciary

.003 9 Relationship to fundamental instrument

Constitution, charter, basic law

.004 Departments and ministries

Class specific executive departments and ministries in **350.01–350.08**

For cabinet, see **350.005**

.005 Cabinet, cabinet systems, councils of state

.007 Conflict of interest

.009 Special commissions, corporations, agencies, quasi-administrative bodies

.009 1 Regulatory agencies

.009 12 Independent commissions and boards

350.009 13 Agencies headed by plural board

.009 14 Agencies headed by single administrator

.009 2 Government corporations

► 350.01–350.08 Specific executive departments and ministries

.01 Foreign affairs

.02 Finance

.03 Home affairs (Interior)

.05 Justice

.06 Defense

.08 Other

Divide like **350.82–350.87**, e.g., administration of departments of labor **350.083**

.09 Intergovernmental administration

.091 Between central governments of same level

.092 Between central governments of different levels

.093 Between central governments and local governments

Class central government control of local units in **352.002 2**

SUMMARY

350.1	**Personnel management**
.2	**Registers of personnel**
.3	**Civil service examinations**
.4	**Government career service**
.5	**Pensions**
.6	**Civil service system**
.7	**Finance and public welfare**
.8	**Other regulations and controls**
.9	**Governmental accountability**

► **350.1–350.4 Civil service**

For civil service system, see **350.6**

.1 Personnel management

Procedures by which employees are hired, managed, replaced

Use **350.100 1 – 350.100 9** for standard subdivisions

.102 Supervision

SUMMARY

350.12	Position and wage classification and payroll administration
.13	Recruitment and selection of personnel
.14	Evaluation and placement of personnel
.15	Training of personnel
.16	Conditions of employment
.17	Employer-employee relationships
.18	Separation from service

350.12 Position and wage classification and payroll administration

- .122 Position classification
- .123 Classified pay plans
  - .123 2 Salaries
    - .123 22 Adjustments
    - .123 23 Deductions
  - .123 3 Wage incentives
- .125 Payroll administration

.13 Recruitment and selection of personnel

- .131 Recruitment
- .132 Qualification requirements
  - .132 2 Personal
  - .132 3 Professional and occupational
  - .132 4 Special
    - .132 42 Loyalty oaths
    - .132 43 Veterans' preference

.14 Placement and evaluation of personnel

- .142 Performance rating
- .143 Promotion
- .144 Demotion
- .145 Transfer

.15 Training of personnel

- .152 Orientation
- .153 In-service training

350.16 Conditions of employment

- .162 Promotion of personnel welfare, satisfaction, efficiency
  - .162 2 Health and safety programs
  - .162 3 Welfare services
    - Housing, transportation, food services, discounts
  - .162 5 Counseling services
  - .162 6 Educational programs
    - Including occupational rehabilitation, adjustment to automation
- .163 Days and hours of work
- .164 Leaves of absence
- .167 Discipline

.17 Employer-employee relationships

- .172 Employee representation in management
- .173 Employee organizations
- .174 Collective bargaining
- .175 Employee morale
- .176 Grievances and appeals

.18 Separation from service

- .182 Retirement
- .183 Dismissal
- .184 Retrenchment

.2 Registers of personnel

.3 Civil service examinations

Class examinations on a specific subject with the subject

.4 Government career service

.5 Pensions

.6 Civil service system

Origin and development

► **350.7–350.9 Specific administrative activities and responsibilities**

350.7 Finance and public welfare

SUMMARY

350.71	**Supply administration**
.72	**Fiscal responsibility**
.74	**Police organization and management**
.75	**Maintenance of public order and security**
.76	**Regulation and control of public morals**
.77	**Regulation and control of public health**
.78	**Fire and accident protection**

► 350.71–350.72 Financial administration

.71 Supply administration

.711 Execution of contracts

.712 Procurement

Acquisition of property, equipment, supplies needed in administration

.713 Utilization and disposal

.714 Records management

.72 Fiscal responsibility

.721 Fiscal policy

.722 The budget

Official estimates submitted by chief executive

.722 2 Formulation and preparation

.722 3 Adoption

.722 4 Revision

Supplementary and deficiency budget

.723 Accounting and auditing

.723 1 Accounting

.723 2 Auditing

350.724 Tax administration [*formerly* 336.2]

Use **350.724 001 – 350.724 009** for standard subdivisions

► 350.724 01 – 350.724 03 General principles

.724 01 Assessment

.724 011 Equalization

.724 013 Valuation and appraisal

.724 02 Collection

.724 022 Liens

.724 023 Avoidance

.724 03 Appeals

► 350.724 2 – 350.724 7 Specific kinds of taxes

Divide each subdivision identified by * like **350.724 01 – 350.724 03**, e.g., income tax avoidance **350.724 423**

.724 2 *Real property

.724 3 *Personal property

.724 4 *Income

.724 5 *Poll

.724 6 *Customs

.724 7 Other

.724 71 Indirect

.724 711 *Excise, sumptuary, luxury

.724 713 Transaction (Turnover)

.724 713 2 *Sales

.724 713 5 *Use

.724 76 *Estate, inheritance, gift

.725 Fiscal relations between jurisdictional levels

► 350.74–350.78 Public welfare administration

.74 Police organization and management

* Divide as instructed under **350.724 2 – 350.724 7**

350.75 Maintenance of public order and security

For regulation and control of public morals, see **350.76**

.751 Protection of freedom of information

.752 Protection of freedom of association

.753 Control of explosives and firearms

.754 Disaster and emergency planning

.755 Civil defense [*formerly* 355.232]

.756 Prevention of public violence

.76 Regulation and control of public morals

.761 Of liquor traffic

.762 Of gambling

.764 Of prostitution [*formerly* 301.424 3]

.765 Of drug traffic

.77 Regulation and control of public health [*formerly also* 614]

For regulation and control of water supply, see **350.871**

.78 Fire and accident protection

.782 Fire protection and prevention

.783 Accident prevention (Safety measures)

.8 Other regulations and controls

SUMMARY

350.82	**Of production, commerce, consumption**
.83	**Of labor**
.84	**Of social welfare**
.85	**Of education, culture, religion**
.86	**Of public works**
.87	**Of public utilities**
.88	**Of justice**
.89	**Of foreign affairs and defense**

.82 Of production [*formerly* 338], commerce, consumption

.821 Weights and measures

.822 Money

350.823 Primary industries

Agriculture, mining, hunting, fishing

.824 Secondary industries

.825 Financial institutions and transactions

Insurance companies [*formerly* **368**], banks, savings and loan associations, loan companies

Including land titles and deeds [*formerly* **333.34**], exchange of securities [*formerly* **332.64**]

.826 Domestic trade

.827 International trade [*formerly* 337]

.829 Consumption (Rationing)

.83 Of labor

.84 Of social welfare

Including reformatories [*formerly* **364.76**], prisons [*formerly* **365.6**]

.85 Of education [*formerly* 379.15], culture, religion

.86 Of public works

.862 Public buildings

.863 Park and recreational structures

.864 Roads, bridges, tunnels

.865 Housing

.87 Of public utilities [*formerly* 380]

Use **350.870 01 – 350.870 09** for standard subdivisions

► 350.870 2 – 350.870 6 General principles

.870 2 Control

.870 3 Finances

.870 4 Public ownership

.870 5 Privileges

.870 6 Obligations

► 350.871–350.878 Specific public utilities

Divide each subdivision identified by * like **350.870 2 – 350.870 6**, e.g., public ownership of water supply **350.871 04**

350.871 Water supply

.871 02–.871 06 *General principles

For concentration of service, see **350.871 07 – 350.871 08**

► 350.871 07 – 350.871 08 Concentration of service

.871 07 Urban

.871 08 Rural

.871 5 Pollution

.871 6 Purification

.872 Power and gas

.872 2 Electric power

.872 202–.872 206 *General principles

For concentration of service, see **350.872 207 – 350.872 208**

► 350.872 207 – 350.872 208 Concentration of service

.872 207 Urban

.872 208 Rural

.872 3 Gas

.872 302–.872 306 *General principles

► 350.873–350.874 Communication

.873 Mail

.874 Telecommunication

Divide like **384.1–384.7**, e.g., radiobroadcasting **350.874 54**; then add **0** and divide further like **350.870 2 – 350.870 6**, e.g., public ownership of radiobroadcasting **350.874 540 4**

.875–.878 Transportation

Including registration, licensing, inspection of motor land vehicles [*all formerly* **629.213**]

Divide like **385–388**, e.g., rapid transit **350.878 4**; then add **0** and divide further like **350.870 2 – 350.870 6**, e.g., public ownership of rapid transit **350.878 404**

* Divide as instructed under **350.871–350.878**

350.88 Of justice

.89 Of foreign affairs and defense

.892 Foreign affairs

.895 Defense

Including civil-military relations

.9 Governmental accountability

.91 Liability

Of state for mal-, mis-, nonfeasance of officials

.92 Control of internal administration

.99 Administrative responsibility

Personal liability of government officials to the state and to individuals for torts committed in office

.991 Abuse of administrative responsibility

.992 Investigation of public officials

.993 Impeachment

351 Central governments

National, state, provincial

Use **351.000 1 – 351.000 9** for standard subdivisions

For administration of specific national, state, provincial governments, see **353–354**; *military administration,* **355–359**

.001–.009 The executive

Divide like **350.001–350.009**, e.g., bureaucracy [*formerly* **351.1**] **351.001**

.01–.08 Specific executive departments and ministries

Divide like **350.01–350.08**, e.g., administration of defense department **351.06**

► **351.1–351.4 Civil service**

For civil service system, see **351.6**

.1 Personnel management

Procedures by which employees are hired, managed, replaced

Divide like **350.1**, e.g., discipline [*formerly* **351.4**] **351.167**

Class bureaucracy [*formerly* **351.1**] in **351.001**

351.2 **Registers of personnel**

.3 **Civil service examinations**

Class examinations of local governments in **352.005**, on a specific subject in standard subdivision **076** [*both formerly* **351.3**]

.4 **Government career service**

Class employee discipline [*formerly* **351.4**] in **351.167**

.5 **Pensions**

.6 **Civil service system**

Origin and development

► **351.7–351.9 Specific administrative activities and responsibilities**

.7 **Finance and public welfare**

.71–.72 Financial administration

Divide like **350.71–350.72**, e.g., tax administration **351.724**

.74 Police organization and management [*formerly also* 351.79]

Class management of private police services [*formerly* **351.744**] in **658**

.75–.78 Other aspects of public welfare administration

Divide like **350.75–350.78**, e.g., fire and accident protection **351.78**

[.79] Police organization and management

Class in **351.74**

[.792] United States Coast Guard

Class in **359.97**

.8 **Other regulations and controls**

Divide like **350.8**, e.g., of labor **351.83**

.9 **Governmental accountability**

.91 Liability

Of state for mal-, mis-, nonfeasance of officials

351.92 Control of internal administration

[.94–.95] Administrative law

Class in **340**

[.98] Investigation of public officials

Class in **351.992**

.99 Administrative responsibility

Personal liability of government officials to the state and to individuals for torts committed in office

.991 Abuse of administrative responsibility

.992 Investigation of public officials [*formerly* 351.98]

.993 Impeachment

352 Local units of government

Counties, urban and rural municipalities, special districts

Use **352.000 1 – 352.000 8** for standard subdivisions

.000 9 Historical and geographical treatment [*formerly* 352.03–352.09]

Class specific local units in **352.03–352.09**

► 352.002–352.006 General principles

For forms of administration, see **352.007–352.009**

.002 Control and accountability

.002 2 Central government control of local units

.002 9 Governmental accountability

Divide like **350.9**, e.g., abuse of administrative responsibility **352.002 991**

.003 Municipal incorporation

.004 Elections

.005 Civil service

Including civil service examinations [*formerly* **351.3**]

Class examinations on a specific subject with the subject

.006 Annexation

► 352.007–352.009 Forms of administration

Class specific local units in 352.03–352.09

352.007 Rural units [*formerly* 352.008]

.007 2 Rural municipalities (Townships)

.007 3 Counties

.008 Urban municipalities

Cities, boroughs, villages, incorporated towns

Class administration of rural units in 352.007, of special districts in 352.009 [*both formerly* 352.008]

.008 2 Mayor-council with weak mayor

.008 3 Mayor-council with strong mayor

.008 4 Council-manager

.008 5 Commission

.009 Special districts [*formerly* 352.008]

Special-purpose authorities

.009 2 Economic

.009 3 Urban-service

.009 4 Metropolitan

.03–.09 General administration of specific local units

Add area notations 3–9 to 352.0, e.g., administration of New York City 352.074 71

Class historical and geographical treatment [*formerly* 352.03–352.09] in 352.000 9

► 352.1–352.9 Specific administrative activities

SUMMARY

352.1	Financial administration
.2	Police organization and management
.3	Fire and accident protection
.4	Regulation and control of public health
.5	Of public buildings
.6	Of sanitary engineering
.7	Of other public works
.8	Licensing
.9	Other activities

352.1 Financial administration

Class local government finance [*formerly* 352.1] in 336

.12 The budget

Official estimates submitted by chief executive

.13 Tax administration

.131 Assessment

For special assessments, see 352.134

.131 2 Equalization

.131 3 Valuation and appraisal

.133 Collection

.134 Special assessments

.16 Procurement

Acquisition of property, equipment, supplies needed in administration

.17 Accounting and auditing

.2 Police organization and management

.3 Fire and accident protection

.4 Regulation and control of public health

Including coroners [*formerly* 352.9]

For sanitary engineering, see 352.6

► 352.5–352.7 Regulation and control of public works

.5 Of public buildings

Including community centers [*formerly* 352.7]

352.6 **Of sanitary engineering**
Water-supply, sewage- and refuse-disposal structures

.7 **Of other public works**
Class community centers [*formerly* 352.7] in 352.5

.72 Cemeteries
.73 Park and recreational structures
.74 Roads, bridges, tunnels
.75 Housing

.8 **Licensing**

.9 **Other activities**
Class coroners [*formerly* 352.9] in 352.4

.91 Regulation and control of public utilities
Divide like 350.87, e.g., electric power 352.912 2

.92 Regulation of construction
Scope: permits, codes, inspections, standards

.922 Building construction [*formerly* 692.9]
.923 Electrical installations [*formerly* 621.300 7]
.926 Plumbing [*formerly* 696.9]

.93 Maintenance and regulation of public order, security, morals
Divide like 350.75–350.76, e.g., civil defense 352.935 5

.94 Regulation and control of economic, welfare, cultural activities
Divide like 350.82–350.85, e.g., labor 352.943

.95 Waste and refuse collection
.96 Planning
.961 Zoning
.962 Land subdivision
.98 Regulation and control of justice

► 353–354 Administration of specific national, state, provincial governments

353 United States federal and state governments
If preferred, class in 354
Use 353.000 01 – 353.000 08 for standard subdivisions

.000 1–.000 9 Standard subdivisions of federal government

.001–.009 Civil service, specific administrative activities, governmental accountability in federal government
Divide like 350.1–350.9, e.g., fiscal policy 353.007 21

.01–.09 The executive in federal government
Divide like 350.001–350.009, e.g., executive branch 353.03

► 353.1–353.8 Specific executive departments in federal government

.1 **Department of State**
.2 **Department of the Treasury**
.3 **Department of the Interior**
.4 **Post Office Department**
.5 **Department of Justice**
.6 **Department of Defense**
Class Department of the Navy in 353.7

.62 Department of the Army
.63 Department of the Air Force [*formerly* 358.4]

.7 **Department of the Navy**

.8 **Other departments**
.81 Department of Agriculture
.82 Department of Commerce
.83 Department of Labor
.84 Department of Health, Education, and Welfare
.85 Department of Urban Affairs and Housing (Proposed)

353.9 **State governments**

► 353.91–353.93 General principles

For specific states, see 353.94–353.99

.91 The executive

Divide like **350.001–350.009**, e.g., powers of governors **353.913 2**

.92 Specific kinds of executive departments and intergovernmental administration

.921–.928 Specific kinds of executive departments

Divide like **350.01–350.08**, e.g., labor departments **353.928 3**

.929 Intergovernmental administration

.929 1 Between states

Interstate agreements, cooperation, disputes

.929 2 Between states and federal government

.929 3 Between states and local governments

.93 Civil service, specific administrative activities, governmental accountability

Divide like **350.1–350.9**, e.g., state civil service systems **353.936**

.94–.99 Specific states

Add area notations **4–9** to **353.9**, e.g., administration of government of Hawaii **353.996 9**; then add further as follows:

000 1–000 9 Standard subdivisions

001–009 Civil service, specific administrative activities, governmental accountability

Divide like **350.1–350.9**, e.g., civil service system **006**

01–09 The executive

Divide like **350.001–350.009**, e.g., executive branch **03**

1–8 Specific executive departments

Divide like **350.01–350.08**, e.g., labor department **83**

9 Intergovernmental administration

Divide like **350.09**, e.g., relation between state and local government **93**

354 **Other central governments**

Scope: administration of air force departments [*formerly* **358.4**]

(Optional: United States federal and state governments; prefer **353**)

.1 **International**

.3–.9 **National, state, provincial**

Add area notations **3–9** to **354**, e.g., government of Canada **354.71**; except for Germany add further as follows:

000 1–000 9 Standard subdivisions

001–009 Civil service, specific administrative activities, governmental accountability

Divide like **350.1–350.9**, e.g., civil service system **006**

01–09 The executive and its specific departments

01–05 Specific aspects of the executive

Divide like **350.001–350.005**, e.g., cabinet **05**

06 Specific executive departments and ministries

Divide like **350.01–350.08**, e.g., ministry of foreign affairs **061**

07–09 Other specific aspects of the executive

Divide like **350.007–350.009**, e.g., government corporations **092**

.43 Germany

Use **354.430 001 – 354.430 009** for standard subdivisions

.430 01–.430 09 Civil service, specific administrative activities, governmental accountability

Divide like **350.1–350.9**, e.g., civil service system **354.430 06**

.430 1 Bureaucracy

.430 2 Separation of powers

.430 3 Executive branch

.430 5 Cabinet and cabinet system

.430 6 Specific ministries

Divide like **350.01–350.08**, e.g., ministry of foreign affairs **354.430 61**

► 355–359 Military administration

Military art and science and their application to conduct of defense and warfare

Class general principles in **355**, administration of defense departments in **350.06**, civil-military relations in **350.895**

355 General principles

Scope: application to land warfare, to combined warfare

Use **355.000 1 – 355.000 9** for standard subdivisions

Class application of general principles to air warfare in **358.4**, to space warfare in **358.8**, to sea warfare in **359**, to specific kinds of land forces in **356–357**

.001–.009 Standard subdivisions of general principles of land warfare

► 355.02–355.07 Basic considerations underlying military administration

.02 War and warfare

.021 Overall concepts

.021 3 Militarism and antimilitarism

.021 5 Limited and total war

.021 7 Nuclear and conventional warfare

.021 8 Scope

.021 82 Warfare between and among states

.021 84 Insurgent, revolutionary, resistance warfare

.022 Sociology

For sociological causes of war, see **355.027 4**

.023 Economics

Costs and benefits

For economic causes of war, see **355.027 3**

.027 Causes

.027 2 Political and diplomatic

.027 3 Economic

.027 4 Sociological

.027 5 Psychological

355.028 Results

Occupation, dislocation, reconstruction

.03 Defense

.031 Mutual security pacts

Central Treaty Organization, North Atlantic Treaty Organization, Southeast Asia Treaty Organization, Warsaw Pact

.032 Military missions and assistance

Add area notations **3–9** for country visited or assisted to **355.032**, e.g., military assistance to Vietnam **355.032 597**

.033 Military situation and policy

.033 2 Situation

Add area notations **1–9** to **355.033 2**

.033 5 Policy

Add area notations **1–9** to **355.033 5**

Class combat strategy in **355.43**

.07 Military research and development

SUMMARY

355.1	**Military life and postmilitary benefits**
.2	**Military resources**
.3	**Organization and personnel of military forces**
.4	**Attack and defense plans and operations**
.5	**Training maneuvers, exercises, drills**
.6	**Central administration**
.7	**Military installations and land reservations**
.8	**Military equipment and supplies (Materiel)**

.1 Military life and postmilitary benefits

Use **355.100 1 – 355.100 9** for standard subdivisions

.101–.109 Standard subdivisions of military life

SUMMARY

355.11 Service periods and their termination
.12 Living conditions and customs in peace and war
.13 Discipline, honor, remuneration
.14 Uniforms as costume
.15 Colors and standards
.16 Celebrations
.17 Ceremonials

355.11 Service periods and their termination

.111 Length of service

.112 Promotion

.113 Inactive periods

Leaves, furloughs, reserve status, status during captivity or internment

.114 Termination of service

Retirement, resignation, discharge, reinstatement

.115 Veterans' rights and benefits

.115 1 Pensions

.115 2 Education and training

.115 4 Employment and reemployment

For veterans' preference in civil service personnel selection, see **350.132 43**

.115 6 Rehabilitation

.12 Living conditions and customs in peace and war

.123 Servicemen's morale

.129 In specific situations

For servicemen's morale, see **355.123**

.129 2 In garrison

.129 3 In the field and on the march

For living conditions in battle, see **355.129 4**

.129 4 In battle

.129 5 In prison and prison camp

355.13 Discipline, honor, remuneration

Including etiquette

Class military ethics [*formerly* **355.13**] in **174.9**

For etiquette of uniforms, see **355.14**

.133 Discipline and law

Including judge advocate general's corps, military police

.133 2 Courts-martial and courts of inquiry

Organization, jurisdiction, procedure of general, special, summary courts-martial and of military tribunals

.133 4 Offenses

.134 Rewards and privileges

Salutes, honorary insignia, decorations, medals, badges, orders, gifts, special privileges and bonuses

.135 Remuneration and allowances

.14 Uniforms as costume

Including identifying insignia, etiquette

Class issue and use of uniforms in **355.81**

.15 Colors and standards

.16 Celebrations

Commemorations, anniversaries, jubilees

.17 Ceremonials

.2 Military resources

.21 Value and availability

Readiness for mobilization

.219 Sabotage and its prevention

► 355.22–355.27 Mobilization of specific resources

.22 Military manpower and womanpower

► 355.223–355.225 Specific elements

.223 Enlistment, conscription, commissioning

355.224 Conscientious objectors

.225 Compulsory service

For conscription, see **355.223**

.225 5 Universal training and service

.229 Womanpower

For specific elements, see **355.223–355.225**

.23 Civilian manpower and womanpower

Including allocation, duties, morale, internment

[.232] Civil defense

Class administration in **350.755**; services in **363.35**

.24 Raw materials

.26 Industrial resources

.27 Transportation and communication facilities

.28 Requisitions

Effective mobilization of resources thru application of emergency powers, calls to arms, commandeering of property, establishment of military zones

For mobilization of specific resources, see **355.22–355.27**

.29 Demobilization

.3 Organization and personnel of military forces

.31 Units organized for administrative purposes

Army groups, armies, corps, divisions, regiments, smaller units

Including foreign legions, parade and inspection units, other special units and formations

.33 Hierarchy

Including line-and-staff functions

.331 Leadership and command

.332 Officers

.338 Enlisted personnel

355.34 Special services

Units and services responsible for noncombatant functions and activities

.341 Administrative and supply services

.342 Public information services

.343 Unconventional warfare services

.343 2 Intelligence

Including mapping, cryptanalysis services

.343 3 Counterintelligence

Including security classification services

.343 4 Psychological warfare (Propaganda)

.343 7 Subversion and sabotage

.345 Health services

Medical, dental, nursing, veterinary

.346 Recreational services

Athletic games and sports, arts and crafts, music, dances, library services

.347 Religious and counseling services

.348 Women's services

Class a specific service with the subject

.35 Combat units according to field of service

.351 Home guards and frontier troops

.352 Colonial and expeditionary forces

.356 Allied and coalition forces

.357 International forces

Troops under unified command acting by supernational authorization

.37 Reserves

355.4 **Attack and defense plans and operations**

Scope: deception and camouflage

.409 Historical treatment

Class geographical treatment in **355.47**

.41 Logistics and field service

.411 Tactics of troop movements

.412 Encampment tactics

.413 Reconnaissance tactics

.415 Troop-support tactics

Tactics of communication, supply, medical service, prisoner handling

.42 Battle tactics

.422 General

Debarkation and landing, skirmishing, attacks, counter attacks, retreats

Including commando (hit-and-run) tactics

► 355.423–355.426 Under specific conditions

For siege warfare, see **355.44**; *defense of home territory,* **355.45**

.423 In specific kinds of terrain, climate, weather

.424 Using animals

.425 In guerrilla warfare

.426 In cities

Tactics in street fighting, house-to-house fighting, quelling riots

.43 Strategy

General plan of combat, evaluation and deployment of resources

Use **355.430 01 – 355.430 09** for standard subdivisions

For siege warfare, see **355.44**; *defense of home territory,* **355.45**

.430 5 Limited and total war

.430 7 Nuclear and conventional warfare

355.44 Siege warfare

Tactics and strategy

.45 Defense of home territory

Tactics and strategy of defense of frontiers, coasts, industrial areas, strategically valuable positions

.47 Tactical and strategic geography

Add area notations **1–9** to **355.47**

.48 Technical analyses of military events

Real and imaginary wars, campaigns, battles

.5 **Training maneuvers, exercises, drills**

.52 Grand maneuvers

.54 Basic training of units

Including tactical exercises

.544 Camp and fortification operations

Setting up, repairing, dismantling camps, temporary fortifications, batteries, obstacles, field kitchens

.547 Small arms and bayonet practice

.548 Self-defense

Unarmed combat and combat with knife

.55 Officers' maneuvers and exercises

.58 Maneuvers involving civil population

Warning and intelligence service, rescue maneuvers, safety activities, demonstrations

.6 **Central administration**

Military administration at top level

For organization of military forces, see **355.3**

► 355.61–355.63 Overall control

For specific elements, see **355.64–355.69**

.61 General

.611 Adjutant general's department

355.613 Personnel management
.613 3 Military
.613 6 Civilian
.614 Issuance of orders
.62 Financial
.621 Supply administration
.621 1 Execution of contracts
.621 2 Procurement
Acquisition of property, equipment, supplies needed in administration
.621 3 Utilization and disposal
.622 Fiscal responsibility
.622 3 Accounting and auditing
.63 Inspectional

► 355.64–355.69 Specific elements

.64 Paymaster's department
Administration of pay, allowances, pensions
.65 Subsistence department
.66 Clothing and equipment department
.67 Lodging administration
.69 Other central administrative services
Including graves registration service

.7 Military installations and land reservations
Description, operation, use

► 355.71–355.75 Permanent and quasi-permanent installations

.71 Quarters for personnel
Barracks, camps, post exchanges, canteens, prisons
.72 Medical installations

355.73 Artillery installations
Arsenals, ordnance factories and depots, target ranges, artillery schools
.74 Engineering installations
Depots and testing grounds
.75 Supply depots and installations
.79 Land (Natural resources)

.8 Military equipment and supplies (Materiel)
Description, issue, operation, use, packing, shipping
.81 Food, clothing, camp equipment
.82 Ordnance
For combat vehicles, see **355.83**
.83 Transportation equipment
Trucks, trains, ships, planes, combat vehicles, fuel

► **356–359 Specific kinds of technical and combat forces**
Units and services

► **356–357 Land forces**
Class conduct of air warfare in **358.4**, of sea warfare in **359**, comprehensive works on land warfare in **355**
For armored and technical land forces, see **358.1–358.3**

356 Foot forces
.1 Infantry

► 356.11–356.16 Units

.11 Regular
Including motorized infantry
.15 Irregular
Self-organized infantry, guerrillas, brigand troops

356.16 Special formations

Including light infantry, sharpshooters, machine gunners, grenadiers

.164 Ski and mountain troops

.166 Paratroops

.18 Training, plans, operations, equipment, supplies, installations

For units, see **356.11–356.16**

[.182] Training drills

Class in **356.184**

.183 Attack and defense plans and operations

.184 Training drills [*formerly* 356.182], maneuvers, exercises

.186 Equipment and supplies (Materiel)

.187 Installations

.2 Specialized foot forces

357 Mounted forces

.1 Horse cavalry

For remount and training services, see **357.2**

.18 Plans, operations, training, installations, equipment, supplies

.184 Attack and defense plans and operations

.185 Training maneuvers, exercises, drills

.187 Installations

.188 Equipment and supplies (Materiel)

.2 Remount and training services

Training cavalry mounts, remount depots, breeding and care of cavalry mounts, horsemanship

357.5 Mechanized cavalry

► 357.52–357.54 Specific kinds

.52 Bicycle

.53 Motorcycle

.54 Automobile

.58 Plans, operations, training, installations, equipment, supplies

Divide like **357.18**, e.g., equipment and supplies **357.588**

For specific kinds of mechanized cavalry, see **357.52–357.54**

358 Armored and technical land forces, air and space forces

Use **358.001–358.009** for standard subdivisions

.01–.09 Standard subdivisions of armored and technical land forces

SUMMARY

358.1 Artillery and armored forces
.2 Engineer forces
.3 Other technical forces
.4 Air forces
.8 Space forces

► **358.1–358.3 Armored and technical land forces**

.1 Artillery and armored forces

► 358.12–358.17 Artillery

.12 Field

Including antitank artillery [*formerly* **358.18**]

.13 Antiaircraft

.16 Coast

.17 Guided (Strategic) missile

Divide like **623.451 94 – 623.451 96**, e.g., long-range surface-to-surface missile-launching forces **358.175 4**

358.18 Armored forces

Tanks and tank warfare

Class antitank artillery [*formerly* 358.18] in 358.12

.2 Engineer forces

Scope: pioneers

.22 Construction

Roads, railroads, bridges, tunnels, docks, airports

.23 Demolition

Including sappers, torpedo troops

.24 Communications (Signals and signaling)

Including military cryptography

.25 Transportation

.3 Other technical forces

Including services connected with construction of military buildings, camouflage, manufacture of war materiel, munitions, powder

.34 Gas warfare

.38 Biological warfare

.39 Nuclear warfare

.4 Air forces

Scope: conduct of air warfare

Use 358.400 1 – 358.400 9 for standard subdivisions

Class administration of United States Department of the Air Force in 353.63, of other air force departments in 354 [*all formerly* 358.4]

Class conduct of land warfare in 355, of sea warfare in 359

.403 Situation and policy

.407 Research and development

.41 Functions and organization

For specific forces, see 358.42–358.46

.411–.413 Military life, resources, forces

Divide like 355.1–355.3, e.g., air force uniforms as costume 358.411 4

358.414 Attack and defense plans and operations

Scope: deception and camouflage

For bombing, see 358.42; *fighting,* 358.43

.414 1 Logistics

For transportation, see 358.44; *reconnaissance,* 358.45

.414 12 Encampment tactics

.414 15 Troop support tactics

Tactics of supply, medical service, prisoner handling

For communications, see 358.46

.414 2 Battle tactics

For defense of home territory, see 358.414 5

.414 3 Strategy

General plan of combat, evaluation and deployment of resources

For defense of home territory, see 358.414 5

.414 5 Defense of home territory

Tactics and strategy of defense of frontiers, coasts, industrial areas, strategically valuable positions

.414 7 Tactical and strategic geography

Add area notations 1–9 to 358.414 7

.414 8 Technical analyses of military events

Real and imaginary wars, campaigns, battles

.415 Training maneuvers, exercises, drills

.415 4 Basic training of units

.415 5 Officers' maneuvers and exercises

.415 8 Maneuvers involving civil population

.416–.418 Central administration, installations, materiel

Divide like 355.6–355.8, e.g., air proving grounds 358.417 4

► 358.42–358.46 Specific forces

Administration, military art and science, services, units

358.42 Bombing

Including air-to-surface, air-to-underwater guided (strategic) missile-launching forces

.43 Pursuit and fighting

Including air-to-air guided (strategic) missile-launching forces

.44 Transportation

.45 Reconnaissance

Including weather reconnaissance

.46 Communications

.8 Space forces

Conduct of space warfare

359 Sea (Naval) forces

Scope: conduct of sea warfare

Use **359.001–359.009** for standard subdivisions

Class conduct of land warfare in **355**, of air warfare in **358.4**

.03 Situation and policy

.07 Research and development

.1–.2 Naval life and resources

Divide like **355.1–355.2**, e.g., judge advocate general's corps **359.133**

.3 Organization and personnel of naval forces

.31 Units organized for administrative purposes

Fleets, squadrons, flotillas, crews, divisions, smaller units

.32 Types of ships

Divide like **623.825–623.826**, e.g., cruisers **359.325 3**

.33–.37 Other

Divide like **355.33–355.37**, e.g., supply services **359.341**

359.4 Attack and defense plans and operations

Scope: deception and camouflage

.41 Logistics

Divide like **355.41**, e.g., reconnaissance tactics **359.413**

.42 Battle tactics

For defense of home territory, see **359.45**

.43 Strategy

General plan of combat, evaluation and deployment of resources

For defense of home territory, see **359.45**

.45 Defense of home territory

Tactics and strategy

.47 Tactical and strategic geography

Add area notations **1–9** to **359.47**

.48 Technical analyses of naval events

Real and imaginary wars, campaigns, battles

.5–.8 Training, central administration, installations, materiel

Divide like **355.5–355.8**, e.g., naval procurement **359.621 2**

.9 Specialist forces

.96 Marine

.97 Coast guard

Including United States Coast Guard [*formerly also* **351.792**]

.98 Technical

Including underwater demolition teams, communication services

.981 Artillery

Including surface, underwater guided (strategic) missile-launching forces

.982 Engineering

360 Welfare and association

Use **360.01–360.09** for standard subdivisions

.1–.9 **Standard subdivisions of welfare**

► **361–365 General welfare**

Public and private services, activities, methods intended to promote social well-being

Class a specific activity of general welfare not provided for here with the subject, e.g., education **370**

► **361–362 Social welfare**

Assistance to the disadvantaged

361 Organization and practice of social welfare work

Use **361.001–361.008** for standard subdivisions

[.009] Historical and geographical treatment

Do not use; class in **361.9**

.02 Free assistance

Charities, philanthropy

.04 Paid assistance

Assistance for which the recipient pays all or part of the cost

.2 Planning

.3 Casework

.4 Group work

Social adjustment of individuals promoted by participation in voluntary groups and with assistance of group leader

.5 Disaster relief

.51 From earthquakes and volcanic eruptions

.52 From floods

361.53 From effects of war

Relief of displaced persons, refugees, prisoners of war

.54 From epidemics and pandemics

.55 From famines

.56 From fires, explosions, mine and nuclear accidents

.57 From storms

Snow, rain, wind

.58 From transportation accidents

Land, sea, air, space

.6 Public welfare work

Class a specific subject or kind of public welfare work with the subject

.7 Private welfare work

Class a specific subject or kind of private welfare work with the subject

For parochial welfare work, see **258**

.73 Fund raising

Charitable bazaars, drives, donations, subscriptions

.8 Community organization

Coordination thru social service exchanges, community chests, united charities

.9 Historical and geographical treatment of social welfare work

Add area notations **1–9** to **361.9**

362 Welfare services to special groups

Scope: rehabilitation

Class welfare services to criminals and delinquents in **364.6–364.8**

[.09] Historical and geographical treatment

Do not use; class in **362.9**

SUMMARY

362.1 To the physically ill
.2 To the mentally ill
.3 To the mentally retarded
.4 To those suffering physical handicaps and disablements
.5 To the poor
.6 To the aged and infirm, to survivors and dependents
.7 To the young (Child welfare)
.8 To other groups
.9 Historical and geographical treatment of welfare services to special groups

► **362.1–362.4 To those suffering illnesses and handicaps**

For services to the aged and infirm, see 362.61; *to the young,* 362.7

362.1 **To the physically ill**

Scope: medical social work, preparation and maintenance of medical records

► 362.11–362.14 Nonspecialized services

For services of general convalescent, nursing, rest homes, see 362.16; *ambulance service,* 362.18

11 Services of general hospitals, infirmaries, contagious wards

.12 Services of dispensaries, clinics, medical centers

.13 Services of general sanitariums for incurables

.14 Services provided at home

.15 Services of maternity hospitals

Class homes for unmarried mothers [*formerly* 362.15] in 362.83

.16 Services of general convalescent, nursing, rest homes

.18 Ambulance service

362.19 Services to specific kinds of illness

Scope: services of hospitals, clinics, sanitariums, nursing homes for specific diseases

Divide like 616–618, e.g., services to cancer patients 362.196 994

Class services of hospitals and allied institutions for specific physical diseases of the young [*formerly* 362.19] in 362.781 9

For services of maternity hospitals, see 362.15

.2 **To the mentally ill**

Scope: psychiatric social work

► 362.21–362.24 Nonspecialized services

.21 Services of psychiatric hospitals

.22 Services of psychiatric clinics

.23 Services of sanitariums and nursing homes

.24 Services provided at home

.29 Services to the addicted

Services of hospitals, clinics, sanitariums, nursing homes

.292 Alcoholics

Including services of Alcoholics Anonymous

.293 Narcotics addicts

.3 **To the mentally retarded**

Including services of hospitals, custodial homes, allied institutions

.4 **To those suffering physical handicaps and disablements**

.41 Blind and partially sighted persons

.42 Deaf, deaf-mute, hard-of-hearing persons

.43 Crippled persons

Paralytics, spastics, paraplegics, amputees

.5 **To the poor**

Class a specialized service with the subject

.58 Legal aid

362.6 **To the aged and infirm, to survivors and dependents**

.61 To the aged and infirm

Class services of homes and asylums to survivors and dependents [*both formerly* 362.61] in 362.62

.611–.614 To those suffering illnesses and handicaps

Divide like 362.1–362.4, e.g., services provided at home to the physically ill 362.611 4

.615 Services of homes and asylums

For services to those suffering illnesses and handicaps, see 362.611–362.614

.62 To survivors and dependents

Including services of homes and asylums [*both formerly* 362.61], pensions for widows and orphans

For services to those suffering illnesses and handicaps, see 362.1–362.4

.7 **To the young (Child welfare)**

Infants, children, adolescents

.71 Thru aid to mothers

Including day nurseries, foster day care

Class services to unmarried mothers in 362.83

[.72] To illegitimate children

Class in 362.73

.73 To illegitimate [*formerly* 362.72] and abandoned children and orphans

For pensions for orphans, see 362.62

.731 Placement

.732 Institutional care

Services of homes and asylums

Including houseparents

.733 Foster home care

.734 Adoption

362.74 To maladjusted children

.742 Services of child guidance clinics

.743 Services of schools

.745 Services of junior republics

.78 To those suffering illnesses and handicaps

Divide like 362.1–362.4, e.g., services of hospitals and allied institutions for specific physical diseases [*formerly* 362.19] 362.781 9

.8 **To other groups**

.82 To families

Including marriage and family counseling [*formerly* 301.426], visiting housekeepers

.83 To unmarried mothers

Including homes [*formerly* 362.15]

.84 To minority groups

.85 To laboring classes [*formerly also* 331.83]

Including migratory workers

.88 To victims of crimes of violence

.9 **Historical and geographical treatment of welfare services to special groups**

Add area notations 1–9 to 362.9

363 Other services

Class political organizations and institutions [*formerly* 363] in 329.006

SUMMARY

363.2	Police services
.3	Services in support of order and security
.4	Services for control of public morals
.5	Public works services
.6	Public utility services

.2 **Police services**

For services in support of order and security, see 363.3

.22 Personnel

Responsibilities, qualifications, grades

363.23 Operational services

For prevention of crime and delinquency, see 364.4

.232 Patrol

.233 Traffic control

.234 Pursuit and apprehension

.236 Self-defense

Unarmed and armed combat

.24 Auxiliary services

.242 Records and communications

.243 Jails

.244 Laboratories

.245 Buildings and equipment

For jails, see 363.243; *laboratories,* 363.244

.245 4 Weapons

For armed combat, see 363.236

.248 Dogs

.3 Services in support of order and security

For services for control of public morals, see 363.4

.31 Protection of freedom of information

.32 Protection of freedom of association

.33 Control of explosives and firearms

.34 Disaster and emergency planning

.35 Civil defense [*formerly* 355.232]

.351 Training

.352 Protection of population

.353 Protection of property

.356 Detection and warning systems

.36 Prevention of violence

.4 Services for control of public morals

Divide like 350.76, e.g., services for control of gambling 363.42

363.5 Public works services

Class a specific service with the subject

.6 Public utility services [*formerly* 380]

Class communication and transportation services in 380

.61 Water supply

.612 Activities

.613 Facilities

.62 Electric power

Divide like 363.61, e.g., facilities 363.623

.63 Gas

Divide like 363.61, e.g., facilities 363.633

364 Criminology

Scope: comprehensive works on criminology and criminal law

For criminal law, see 343; *penology,* 365

[.09] Historical and geographical treatment

Do not use; class in 364.9

SUMMARY

364.1 Offenses
.2 Causes of crime and delinquency
.3 Offenders
.4 Prevention of crime and delinquency
.6–.8 Correction of crime and delinquency
.6 Punishment and other methods
.7 Institutions
.8 Discharged offenders
.9 Historical and geographical treatment of criminology

.1 Offenses

SUMMARY

364.12 Detection
.13–.17 Specific kinds of offenses
.13 Against constituted authority
.14 Against public health, safety, order
.15 Against the person
.16 Against property
.17 Against public morals

364.12 Detection

Investigation of crime, collection and interpretation of evidence, identification of criminals

.121 Physical (Circumstantial) evidence

For documents, see 364.122; *physical human characteristics,* 364.125

.122 Documents

Including analysis of handwriting and typing

[.123] Lie detection

Class in 364.127 9

.125 Physical human characteristics

Criminal anthropometry

Including fingerprints

.127 Evidence of witnesses

.127 4 Secret agents

.127 6 Informers

.127 9 Interrogation

Including lie detection [*formerly* 364.123]

.128 Interception of communication

Including wiretapping

► 364.13–364.17 Specific kinds of offenses

Scope: case studies

Class offenders by kind of offense [*formerly* 364.13–364.17] in 364.3

For military offenses, see 355.133 4

.13 Against constituted authority

Class offenses against public health and safety [*both formerly* 364.13] in 364.14

For offenses against public order, see 364.14

.131 Against the state

Treason, espionage, conspiracy, seditious libel, subversion, incitement, rebellion, sabotage

364.132 Against public administration

Graft, bribery, illegal voting, offenses against postal laws

For offenses against administration of justice, see 364.134

.133 Against public revenue

Counterfeiting, smuggling, bootlegging, tax evasion

.134 Against administration of justice

Perjury, collusion, contempt of court, lynching

.135 Piracy

.138 War crimes

For genocide, see 364.151

.14 Against public health, safety [*both formerly* 364.13], order

Use 364.140 01 – 364.140 09 for standard subdivisions

For lynching, see 364.134; *offenses against public morals,* 364.17

.140 6 Illegal organizations

Including Mafia

.142 Against public health

.143 Against public order

Rioting, unlawful assembly, disorderly conduct, carrying weapons

Including union racketeering and gangsterism [*formerly* 331.880 8]

.147 Against traffic and communications safety

.148 Vagrancy

.15 Against the person

.151 Genocide

.152 Homicide and suicide

For genocide, see 364.151

.152 2 Suicide

.152 3 Murder

364.152 4 Assassination

.152 5 Manslaughter

.153 Sex offenses

Rape, adultery, prostitution, seduction

.154 Abduction

.155 Other offenses tending to harm physically

Robbery, assault and battery, criminal abortion

For traffic in drugs, see **364.157**

.156 Offenses tending to harm psychologically

Criminal libel, invasion of home and privacy

For burglary, see **364.162**

.157 Traffic in drugs

.16 Against property

.162 Larceny

Including burglary

For robbery, see **364.155**

.163 Frauds

Forgery, embezzlement, extortion, blackmail, swindles

Including fraudulent degrees

.164 Wilful damage and destruction (Vandalism)

Arson, explosion, depredation

.17 Against public morals

.172 Gambling

.173 Public drunkenness

.174 Obscenity and pornography

.178 Cruelty to animals

.2 Causes of crime and delinquency

Environmental and hereditary

.24 Characteristics of the individual

Factors of age, sex, health, mental superiority and inferiority, emotional instability, physical abnormalities

364.25 Social factors

.254 Cultural factors

Influence of theater, motion pictures, art, literature, comic books, radio, television

.255 Leisure and recreation

Influence of amusement and public parks, public dance halls, poolrooms, bars, cabarets, automobiles

.256 Social conflicts

Individual social maladjustments, immigration, class hatreds, racial conflicts, feuds, vendettas

.26 Economic factors

Industry, labor, capital, employment, unemployment, strikes, standards and cost of living, poverty

.3 Offenders

Scope: offenders by kind of offense [*formerly* **364.13–364.17**]

Class causes of crime and delinquency in **364.2**, prevention in **364.4**, correction in **364.6–364.8**

.32 Criminal types

Recidivists, habitual and professional offenders, occasional offenders, single offenders

.35 Predelinquents

Potential, near, quasi-delinquents

.36 Juvenile delinquents

Including incorrigibility

.363 Boys

.364 Girls

.37 Adults

.4 Prevention of crime and delinquency

.42 Control of population

Thru eugenic practices, immigration, emigration, segregation

.43 Control of economic conditions

364.44 Law enforcement

Use of government, legislation, community, home, church, school

.46 Preventive police work

[.5] **Correctional courts**

Class in **340**

► **364.6–364.8 Correction of crime and delinquency**

.6 **Punishment and other methods**

Scope: welfare services to offenders

For correctional courts, see **340**

.61 Deprivation of liberty

Imprisonment, detention, deportation

► 364.62–364.65 Conditional release

.62 Parole and indeterminate sentence

.63 Probation, suspended sentence, reprieve

.64 Pardon and amnesty

.65 Commutation of sentence

.66 Capital punishment

.67 Corporal punishment

.68 Deprivation of economic, civil, political rights

.682 Fines

.683 Loss of citizenship

.684 Loss of franchise

.7 **Institutions**

Reformatories, houses of correction

Including institutions for adults

.72 For juveniles

Industrial and training schools, colonies, truant schools

.75 Plant

Grounds, buildings, equipment

364.76 Treatment of inmates

Including labor and welfare services

Class administration of reformatories [*formerly* **364.76**] in **350.84**

.8 **Discharged offenders**

Rehabilitation, other welfare services

.9 **Historical and geographical treatment of criminology**

Add area notations **1–9** to **364.9**

365 Penology

[.09] Historical and geographical treatment

Do not use; class in **365.9**

.2 **Prison systems**

Congregate, solitary confinement, silent, progressive

.3 **Kinds of penal institutions**

Prisons, penitentiaries, jails, detention homes, workhouses, penal farms and colonies, road camps, concentration camps

Class specific institutions in **365.9**

For reformatories, houses of correction, see **364.7**

.4 **Prisons for special classes of offenders**

Including juveniles, women, mentally ill (criminally insane), political prisoners, debtors

Class specific institutions in **365.9**

.45 Prisoners of war

Combatants, noncombatants, civilians

.5 **Prison plant**

Grounds, buildings, equipment

.6 **Inmates**

Class administration of prisons [*formerly* **365.6**] in **350.84**

365.64 Treatment

Including escapes

.642 Reception and classification

.643 Discipline

Rules and regulations, routine, rights of inmates, restrictions, privileges

.644 Punishments of refractory inmates

.647 Release and discharge

.65 Convict labor

Employment of inmates, lease system, chain gangs, contract system

.66 Welfare services

Educational work, religious and character training, health, recreation

.7 Reform of penal system

.9 Historical and geographical treatment of penology

Scope: specific institutions

Add area notations 1–9 to 365.9

► 366–369 Association

Organization for common purposes of a fraternal nature or for mutual assistance

Class comprehensive works in 366

For cooperative systems for production and distribution, see 334

366 Comprehensive works

.001–.008 Standard subdivisions

[.009] Historical and geographical treatment

Do not use; class in 366.9

.01–.09 Standard subdivisions of esoteric associations and societies

---

► 366.1–366.5 Esoteric (Secret and semisecret) associations and societies

Class standard subdivisions in 366.01–366.09

For orders of knighthood, see 929.71

366.1 Freemasonry

.17 Order of DeMolay

.18 Women in Freemasonry

Including Order of the Eastern Star

.2 Knights of Pythias

.3 Independent Order of Odd Fellows

.38 Daughters of the Rebekah

.4 Rosicrucians

.5 Benevolent and Protective Order of Elks

.9 Historical and geographical treatment of association

Add area notations 1–9 to 366.9

367 Social clubs

[.09] Historical and geographical treatment

Do not use; class in 367.9

.9 Historical and geographical treatment

Add area notations 1–9 to 367.9

368 Insurance

Association to spread risk

Including insurance of libraries [*formerly also* 022.2]

Class marketing of insurance in 658.8, government regulation and control of insurance companies in 350.825, insurance law in 340 [*all formerly* 368]

.001–.009 Standard subdivisions

Class treatment by continent, country, locality in modern world in 368.9

368.01 General principles

Scope: actuarial science

.011 Rates and rate making

.012 Underwriting

Including reinsurance

.014 Claims

Adjustment of claims, settlement of losses

.014 5 Fraudulent claims

.015 Finance

.016 Lapsation, persistence, termination

For adjustment of claims, see **368.014**

► 368.06–368.08 Specific forms of risk

.06 Property risks

Risk of loss from impairment or destruction of property

.062 Tangible

.063 Intangible

.07 Personal risks

Risk of loss of income or augmented expenditure due to hazards to the person

.08 Other

Including risk of consequential loss

.09 Conventional comprehensive sales groupings

.092 Automobile insurance [*formerly* 368.572]

.093 Aviation insurance [*formerly* 368.576]

.096 Real property insurance

SUMMARY

368.1 Against damage to and loss of property
.2 Against damage to and loss of property in transit (Transportation insurance)
.3 Against death, old age, illness, injury
.4 Against poverty
.5–.8 Against casualties (Casualty insurance)
.5 Liability
.6 Glass breakage
.7 Industrial casualty
.8 Other
.9 Insurance by continent, country, locality in modern world

► 368.1–368.8 Specific kinds of insurance

Use **001–009** for standard subdivisions under each subdivision identified by *

Add **01** to each subdivision identified by * and divide like **368.01**, e.g., underwriting life insurance **368.320 12**

368.1 *Against damage to and loss of property

For transportation insurance, see **368.2**; *casualty insurance,* **368.5–368.8**

.11 *Fire insurance

.12 *Allied fire insurance lines

.122 *Disaster insurance

Against damage and loss from storms, earthquakes, floods

.125 *Riot and civil commotion insurance

.129 *Extended coverage insurance

.14 *War risk insurance

.2 *Against damage to and loss of property in transit (Transportation insurance)

Scope: insurance against damage to and loss of instrumentalities of transportation

Including postal insurance

.22 *Ocean marine insurance

* Make standard subdivisions and divide as instructed under **368.1–368.8**

368.23 *Inland marine insurance

Class airport insurance [*formerly* **368.23**] in **368.24**

For air transportation insurance, see **368.24**

.232 *Automboile insurance

Including truck and bus insurance

.233 *Railroad insurance

.24 *Air transportation insurance

Including aircraft insurance [*formerly* **368.576**], airport insurance [*formerly* **368.23**]

.3 *Against death, old age, illness, injury

For social insurance, see **368.4**

.32 *Life insurance

For special fields of life insurance, see **368.36**

.36 Special fields of life insurance

.362 *Industrial life insurance

.363 *Fraternal insurance

.364 *War risk life insurance

Including National Service Life Insurance

Class war risk accident insurance [*formerly* **368.364**] in **368.384**

.37 *Annuities

.375 *Variable annuities

.38 *Accident and health insurance

.382 *Prepaid health care

.382 2 *Medical and surgical

.382 3 *Dental

.382 7 *Hospital

* Make standard subdivisions and divide as instructed under **368.1–368.8**

368.384 *Accident insurance

Including war risk accident insurance [*formerly* **368.364**], air travel accident insurance [*formerly* **368.576**], other travel accident insurance

.386 *Disability income insurance

.4 *Against poverty

Government-sponsored social insurance: social security

.41 *Workmen's compensation insurance

Protection against losses incurred thru disablements caused by the job

.42 *Accident and health insurance

For workmen's compensation insurance, see **368.41**

.424 *Maternity insurance

.426 *Accident and health insurance for the aged

.43 *Old-age and survivors' insurance

For accident and health insurance for the aged, see **368.426**

.44 *Unemployment insurance

► **368.5–368.8 Against casualties (Casualty insurance)**

.5 *Liability

.56 Miscellaneous lines

Livestock, owners', landlords', tenants', contractual, elevator, personal

.57 *Instrumentalities of transportation

.572 *Automobile

Class comprehensive automobile insurance [*formerly* **368.572**] in **368.092**

.576 *Aviation

Class comprehensive aviation insurance in **368.093**, aircraft insurance in **368.24**, air travel accident insurance in **368.384** [*all formerly* **368.576**]

* Make standard subdivisions and divide as instructed under **368.1–368.8**

368.6 *Glass breakage

Plate glass, windows, neon and fluorescent signs and lamps

.7 *Industrial casualty

Boiler, machinery, power-plant, nuclear-accident, power-interruption insurance

.8 Other

.81 *Business insurance

.815 *Business interruption insurance

Including strike insurance

.82 *Burglary, robbery, theft insurance

.83 *Fidelity bonds

Guarantee against loss to employers because of dishonesty of employees

.84 *Surety bonds

Guarantee against loss due to failure to perform an obligation or fulfil a contract

.85 Other guarantees

For credit insurance, see 368.87; *title insurance,* 368.88

.852 *Mortgage insurance

.853 *Investment guarantees

.854 *Bank deposit insurance

.87 *Credit insurance

Insurance of creditor against loss due to debtor's insolvency

.88 *Title insurance

.9 Insurance by continent, country, locality in modern world

Add area notations 4–9 to 368.9

* Make standard subdivisions and divide as instructed under 368.1–368.8

369 Other kinds of associations and societies

.1 Hereditary, military, patriotic societies of United States

If preferred, class in 369.23–369.29

.11 General

Military and naval orders, Medal of Honor Legion, Military Order of Foreign Wars of the United States, Veterans of Foreign Wars

.12 Colonial

Society of Colonial Wars, Colonial Dames, Mayflower Descendants

.13 Revolutionary

Including Society of the Cincinnati, Sons of the American Revolution

.135 Daughters of the American Revolution

.14 Commemorating events of 1789–1861

.15 Union Civil War

Grand Army of the Republic, Society of the Army of the Cumberland

.16 Auxiliary Union societies of Civil War

.17 Confederate Civil War

United Confederate Veterans, United Daughters of the Confederacy

.18 Wars of 1898 and later

.181 Spanish-American War

.186 World Wars I and II and Korean War

.186 1 American Legion

.186 2 Amvets

.186 3 Disabled American Veterans

369.2 **Hereditary, military, patriotic societies other than United States**

.21 International

.23–.29 Specific countries

(Optional: United States; prefer **369.1**)

Add area notations **3–9** to **369.2**

.4 **Young people's societies**

.42 Boys'

For Boy Scouts, see **369.43**

.43 Boy Scouts

.46 Girls'

For Camp Fire Girls, see **369.47**

.463 Girl Scouts and Girl Guides

.47 Camp Fire Girls

.5 **Service clubs**

Including Rotary, Kiwanis, Lions

370 Education

Class study and teaching of a specific subject at elementary level in **372.3–372.8**, at higher levels with the subject

.1 **Philosophy, theories, principles**

.11 Aims, objectives, value

.112 Humanistic education

.114 Moral, ethical, character education [*all formerly* 377.2]

.12 Classification and other philosophical foundations

Including idealism, realism, pragmatism

.13 Scientific aspects

Divide like **510–590**, e.g., somatological aspects **370.137 3**
Class psychological aspects in **370.15**, value in **370.11**

.15 Educational psychology

Investigation of psychological problems involved in education, together with practical application of psychological principles to education

.18 Research methodology

.183 Surveys and appraisals of educational systems

Class surveys and evaluation by central government in **379.152 2**

.19 Sociological aspects

Class psychological aspects in **370.15**

.193 Educational sociology

Educational objectives and organization within the framework of group life as a whole

.193 1 Community and school relations

Including parent-teacher associations [*formerly* **371.103**]

Class relation of teachers to community in **371.104**

.193 3 Role of school in fostering society

.193 32 Education for individual fulfilment

.193 34 Education for social responsibility

370.193 4 Social problems affecting school organization
Racial, cultural, environmental factors

.193 42 Integration of specific groups
Including racial groups [*formerly* 371.97]

.193 44 Segregation of specific groups
Including racial groups [*formerly* 371.97]

.193 46 Rural education

.193 48 Urban education

.194 Fundamental education
Preparation of educationally underprivileged children and adults for effective participation in community life

.195 Comparative education

.196 Intercultural education
Programs to promote mutual understanding among nations and cultures thru exchange of instructional materials, techniques, students, teachers, technicians

.7 Study and teaching of education

.71 Professional education of teachers
Including training classes [*formerly* 370.75], teachers' meetings
Class schools and courses in 370.73

.712 For specific grades or levels

.712 2 Kindergarten and elementary

.712 3 Secondary

.712 4 College and university

.72 Teachers' conferences, institutes, workshops
Class research in 370.78

.73 Institutions of higher education

.730 1–.730 9 Standard subdivisions

.732 Courses and programs

.732 6 For specific grades or levels

.732 62 Kindergarten and elementary

370.732 63 Secondary

.732 64 College and university

.733 Practice teaching
Facilities and programs

[.75] Training classes
Class in 370.71
Class collecting and collections of objects in 370.775

.76 Professional education of administrators
Class review and exercise in 370.776

.77 Miscellany

.775 Collecting and collections of objects

.776 Review and exercise

.777 Programed teaching and learning

.778 Use of apparatus and equipment

.78 Educational research
Divide like standard subdivision 072, e.g., historical research 370.782
Class use of apparatus and equipment in 370.778

371 The school

Organization and administration
Use 371.001–371.009 for standard subdivisions
For organization and administration of the school at a specific level, see the level, e.g., the elementary school 372.11–372.18

.01 The public school
The tax-supported school providing free education
Class public education in 379.2

.02 The private school
Known also as the public school (in Great Britain)
Class nonpublic education in 379.3

SUMMARY

371.1 Teaching and teaching personnel
.2 Educational administration
.3 Methods of instruction and study
.4 Guidance and counseling
.5 School discipline
.6 Physical plant
.7 School hygiene
.8 The student
.9 Special education

371.1 **Teaching and teaching personnel**

Use 371.100 1 – 371.100 9 for standard subdivisions

Class personnel management in 658.3

Class nonteaching personnel [*formerly* 371.1] in 371.201–371.202

For methods of instruction, see 371.3

.102 Teacher-student relation

Effectiveness and influence of teacher

Including classroom control [*formerly* 371.5]

.103 Teacher-parent relation

Class parent-teacher associations [*formerly* 371.103] in 370.193 1

.104 Relation of teaching and teachers to community

.104 2 Rights and obligations of teachers

For academic freedom, see 371.104 4

.104 4 Academic freedom

.104 6 Public status of teaching and teachers

.11 Personal qualifications

.12 Professional qualifications

.13 Examination and certification

.132 Examination

.133 Certification and registration

.14 Organization of teaching force

.141 Duties and responsibilities

.141 2 Teaching load

.141 4 Nonteaching activities

.142 Exchange of teachers

[371.16] Compensation of teachers

Class in 331.2

[.17] Teachers' pensions

Class in 331.252

.2 **Educational administration**

Use 371.200 1 – 371.200 9 for standard subdivisions

► 371.201–371.202 Nonteaching personnel [*formerly also* 371.1]

Duties and responsibilities

.201 Administrative

.201 1 Superintendents

.201 2 Principals

.201 3 Supervisors

.202 Nonadministrative

.204 Standards and accreditation

For central government supervision of school standards and accreditation, see 379.152 1

SUMMARY

371.21 Matriculation
.22 Tuition
.23 School year
.24 School day
.25 Grouping of pupils for instruction
.26 Educational tests and measurements
.27 Evaluation of pupils' progress
.28 Promotion and retardation
.29 Other topics

.21 Matriculation

[.211–.212] Elementary schools

Class in 372.11–372.18

[.213] Secondary schools

Class in 373.12–373.18

[.214] Colleges and universities

Class in 378.105

371.216 Admission
Methods and standards

.217 Entrance requirements
.218 Articulation
.219 School enrollment
Add area notations 1–9 to 371.219

.22 Tuition

.23 School year
.232 Summer school
.235 School calendar
.236 All-year school

.24 School day
.242 Schedules and scheduling
Individual, class, all-school

.242 1 Class schedules and periods
.242 2 Homeroom periods
.242 4 Activity periods
.244 Length of school day

.25 Grouping of pupils for instruction
.251 Class size
.252 Heterogeneous grouping
Without consideration for interests, abilities, achievements

.254 Homogeneous grouping
On basis of similar interests, abilities, achievements

.255 Grouping plans using a combination of factors

371.26 Educational tests and measurements
Measurement of students' growth in subject areas by use of standardized achievement tests
Administration, interpretation, use
Class credit systems [*formerly* 371.26] in 371.281

.260 13 Validity and reliability of tests

.262 Tests to determine general education and scholarship

.264 Tests for special purposes
.264 2 Educational quotient
Assessment of achievement

.264 4 Academic prognosis
.264 41 Placement testing
.264 42 Educational guidance
.264 6 Vocational interests

.27 Evaluation of pupils' progress
Measurement of growth in subject areas by examination based on specific courses of study or curriculums

.271 Tests and examinations
Types, value, methods of construction

.272 Marking systems
Methods used for recording and reporting the achievement of pupils in school studies

.272 1 Grades and grading
.272 2 Reporting progress to parents
Thru school marks and conferences

.28 Promotion and retardation
.281 Credit
Including credit systems [*formerly* 371.26]

.282 Student failures [*formerly also* 371.291 3]

371.29 Other topics

.291 Student mobility

.291 2 Graduation and commencement

.291 3 Dropouts

Retention versus withdrawal

Class student failures [*formerly* 371.291 3] in 371.282

.291 4 Transfers

.3 Methods of instruction and study

.302 8 Techniques

.302 81 Study techniques [*formerly also* 029.1]

.302 82 Classroom techniques

.307 8 Teaching aids and devices

Class textbooks in 371.32, audio-visual materials in 371.33

.307 81 Curriculum laboratories

.307 82 Courses of study

SUMMARY

371.32 Textbooks
.33 Audio-visual materials for teaching
.36 Project or unit method
.37 Discussion methods
.38 Laboratory method
.39 Other methods

.32 Textbooks

Value and use

Class textbooks on a specific subject at elementary level in 372.3–372.8, at higher levels with the subject

.33 Audio-visual materials for teaching

Methods and use

Class lecture method [*formerly* 371.33] in 371.396

.331 Coordination of use

.332 Dramatic method of teaching

.333 Auditory materials and devices

.333 1 Radio

371.333 2 Phonograph and phonograph records

.333 3 Tape recorder and recordings

.335 Visual materials and devices

.335 2 Pictures

.335 22 Slides and filmstrips

.335 23 Motion pictures

.335 6 Bulletin boards

.335 8 Television

► 371.36–371.39 Methods of organizing learning experiences

.36 Project or unit method

[.365] Special day programs in schools

Class in 371.895

.37 Discussion methods

.371 Seminars

.372 Buzz groups

.373 Conferences

.38 Laboratory method

.381 Field trips

Including educational trips, excursions, visits [*all formerly* 371.393]

.382 Work-study programs

.383 Field work

.39 Other methods

.391 Student exchange programs

[.393] Educational trips, excursions, visits

Class in 371.381

.394 Individualized instruction

.394 2 Honors work

.394 3 Independent study plans

.394 4 Programed learning

Auto-instructional methods

371.396 Lecture method [*formerly* 371.33]

.4 Guidance and counseling

Formal and informal

.42 Educational and vocational guidance

.422 Intellectual and educational

.425 Vocational

Class comprehensive works on choice of vocation in **331.702**, on obtaining employment in **331.115** [*both formerly* **371.425**]

.425 1 Job selection

.425 2 Placement

.425 3 Follow-up

[.426] Trade and vocational education

Class trade and vocational education in secondary schools in **373.246**, adult vocational education in **374.013**

.46 Social guidance

.48 Group guidance

.5 School discipline

Class classroom control [*formerly* **371.5**] in **371.102**

.53 Rewards

Class competitions, prizes, literary contests [*all formerly* **371.53**] in **371.891**

.54 Punishments

Including specific punishments [*formerly* **371.55–371.56**]

[.55–.56] Specific punishments

Class in **371.54**

.59 Student government

.6 Physical plant

.61 Locations, sites, grounds

371.62 Buildings

Requirements based on specific functions

Scope: apparatus, equipment, supplies

For architecture of buildings for educational purposes, see **727**

► 371.621–371.625 Rooms and buildings for specific purposes

Scope: furnishings

.621 Study rooms, assembly rooms, classrooms

[.622] Libraries and museums

Class libraries in **022**, museums in **069.2**

.623 Laboratories, observatories, machine shops

Including laboratory equipment and supplies [*both formerly* **371.66**]

.624 Gymnasiums and swimming pools

Including apparatus, equipment, supplies [*all formerly* **371.67**]

.625 Other

Student society houses, premises, rooms [*all formerly* **371.86**], dormitories, infirmaries, cafeterias

► 371.626–371.628 General principles

For rooms and buildings for specific purposes, see **371.621–371.625**

.626 Plumbing facilities

.627 Lighting and use of color

.628 Heating and ventilation

.63 Furnishings

For furnishings in rooms and buildings for specific purposes, see **371.621–371.625**

[371.66] Laboratory equipment and supplies

Class in 371.623

.67 Apparatus, equipment, supplies

Class apparatus, equipment, supplies for gymnasiums and swimming pools [*all formerly* 371.67] in 371.624

For apparatus, equipment, supplies based on specific functions, see 371.62

.7 School hygiene

.71 Student health

Promotion and maintenance

.712 Health programs

Services, control, conditions

Including care of students' eyes [*formerly* 371.72]

.716 Nutrition

Lunch and milk programs

[.72] Care of students' eyes

Class in 371.712

[.73] Physical education

Class in 613.7

[.732 2] At elementary level

Class in 372.86

[.74] Intramural athletics, games, programs

Class intramural athletics and games in 796, intramural programs in 371.892

[.75] Interscholastic athletics, games, programs

Class interscholastic athletics and games in 796, interscholastic sports programs in 371.893

[.76] Health education

Class at elementary level in 372.37, comprehensive works in 613.07

371.77 Safety programs

.774 Fire prevention

.775 Safety precautions

.8 The student

Nonacademic life and welfare

.805 Student periodicals

Class school journalism [*formerly* 371.805] in 371.897

[.806] Organizations

Do not use; class in 371.83–371.85

.81 Attitudes and behavior

For school discipline, see 371.5; *guidance and counseling,* 371.4

► 371.83–371.85 Organizations

.83 General

.84 In specific fields

Divide like 001–999, e.g., literary societies 371.848

For Greek-letter societies in specific fields, see 371.854

.85 Greek-letter societies and fraternities

.852 Honorary

Not in a specific subject field

.854 In specific fields

Divide like 001–999, e.g., social sciences 371.854 3

.855 Men's social societies and fraternities

.856 Women's social societies and sororities

[.857] High school Greek-letter societies

Class in 373.12–373.18

[.86] Student society houses, premises, rooms

Class in 371.625

371.87 Housing and transportation of students

.871 Housing

.872 Transportation [*formerly* 379.175]

.89 Activities

Programs and events sponsored or formed by schools or student organizations, carrying partial or no academic credit

.891 Nonathletic contests

Including competitions, prizes, literary contests [*all formerly* 371.53]

.892 Social and recreational activities

Including intramural athletics and games programs [*formerly* 371.74]

.893 Activities for public entertainment

Interscholastic sports programs [*formerly* 371.75], marching bands, dramatic groups

.894 School service activities

For student government, see 371.59; *school journalism,* 371.897

.895 Special school festivals and celebrations

Including special day programs in schools [*formerly* 371.365]

Class school plays in 800, school pageants in 791.62, school dramatics in 792.022–792.028 [*all formerly* 371.895]

.897 School journalism [*formerly* 371.805]

.9 **Special education**

Education employing nonstandard curriculums for exceptional students

.91 Students with physical handicaps

.911 Blind and partially sighted

.912 Deaf and hard-of-hearing

.914 Speech defectives [*formerly* 371.927]

.916 Crippled

371.92 Students with mental deficiencies

[.927] Speech defectives

Class in 371.914

.93 Delinquent and problem students

Students whose conduct is troublesome

.94 Emotionally disturbed students

.95 Gifted students

.96 Students exceptional because of class distinction

Socially deprived, nobility, royalty

.97 Students exceptional because of race

Class integration of racial groups in 370.193 42, segregation of racial groups in 370.193 44 [*both formerly* 371.97]

.98 Students exceptional because of national origin

372 Elementary education

Scope: elementary education of girls [*formerly* 376]

For special education, see 371.9

[.09] Historical and geographical treatment

Do not use; class in 372.9

SUMMARY

372.1 The elementary school
.2 Levels of elementary education
.3 Science and health
.4 Reading
.5 Creative and manual arts
.6 Language arts (Communication skills)
.7 Mathematics
.8 Other studies
.9 Historical and geographical treatment of elementary education and schools

372.1 **The elementary school**

[.109] Historical and geographical treatment

Do not use; class in 372.9

.11–.18 Organization [*formerly* 372.2] and administration

Including matriculation [*formerly also* 371.211–371.212]

Divide like 371.1–371.8, e.g., elementary school day 372.124

.19 Curriculums

Class courses of study in specific elementary school subjects in 372.3–372.8

.2 **Levels of elementary education**

Class elementary school organization [*formerly* 372.2] in 372.11–372.18

.21 Preschool education

[.214] Storytelling

Class in 372.64

[.215] Songs

Class in 372.87

.216 Nursery schools

.218 Kindergartens

When not considered part of elementary grades

.24 Elementary grades

Preschool thru upper elementary

For preschool education, see 372.21

.241 Primary

Thru grade 3

.242 Upper elementary

Grades 4 thru 6, grades 7 and 8 when not part of junior high school

► **372.3–372.8 Elementary school subjects**

Methods of instruction, courses of study, textbooks

372.3 **Science and health**

.35 Science

.357 Nature study

.37 Health [*formerly* 371.76] and hygiene

.4 **Reading**

.41 Methods and techniques

.412 Textbooks

.413 Remedial reading

[.415] Phonetics and speech

Class in 372.62

[.42] Spelling

Class in 372.63

.5 **Creative and manual arts**

Class drama [*formerly* 372.5] in 372.66

[.51] Handwriting and lettering

Class in 372.6

.52 Drawing, painting, design

.53 Modeling and sculpturing

.54 Sewing

.55 Handicrafts

For sewing, see 372.54

.6 **Language arts (Communication skills)**

Oral and written

Including handwriting and lettering [*both formerly also* 372.51]

For reading, see 372.4

.61 Grammar

.62 Phonetics and speech [*formerly also* 372.415]

372.63 Spelling [*formerly also* 372.42]
.64 Storytelling [*formerly* 372.214]
.65 Foreign languages
.66 Drama [*formerly also* 372.5]

.7 Mathematics
.72 Arithmetic
.73 Other

.8 Other studies
.83 Social studies
Study of people and their environment
For history and geography, see **372.89**

.832 Civics
.86 Physical education [*formerly* 371.732 2]
.87 Music
Including songs [*formerly* **372.215**]

.89 History and geography
.891 Geography

.9 Historical and geographical treatment of elementary education and schools
Add area notations **1–9** to **372.9**

373 Secondary education

For special education, see **371.9**

.09 Historical and geographical treatment
Class treatment by continent, country, locality in **373.3–373.9**

.1 The secondary school
.109 Historical and geographical treatment
Class treatment by continent, country, locality in **373.3–373.9**

► 373.11–373.18 Organization and administration

373.11 Teaching and teaching personnel
Divide like **371.1**, e.g., professional qualifications of teachers **373.112**

.12–.18 Other elements
Including high school Greek-letter societies [*formerly also* **371.857**], matriculation [*formerly also* **371.213**]
Divide like **371.2–371.8**, e.g., secondary school day **373.124**

.19 Curriculums
For courses of study in specific subjects, see **375.01–375.99**; *educational programs of secondary schools of specific curricular types,* **373.24**

.2 Types of secondary schools
.22 Types as to control
.222 Nonpublic
Known also as public (in Great Britain)
Including boarding schools, day schools
For church-supported schools, see **377.8–377.9**

.224 Public

.23 Types as to organization
.231 Organizational plans
According to grades covered by elementary, junior high, senior high levels

.236 Junior high schools

.238 Senior high schools
Including community colleges when considered part of high school system

373.24 Types as to curriculum

Based on and including educational programs

.241 College preparatory (Academic)

.242 Classical (Traditional)

Including Latin grammar schools

► 373.243–373.246 Specialized high schools

.243 Military academies

.246 Trade and vocational [*both formerly also* 371.426]

Designed for terminal education

.246 3 Agriculture

.246 4 Home economics

.246 5 Business and commerce (Distributive education)

.246 7 Industrial arts

.25 Comprehensive high schools

.3–.9 Secondary education and schools by continent, country, locality

Add area notations 3–9 to 373

374 Adult education

Voluntary, purposeful efforts toward self-development of adults, conducted apart from formal education by public and private agencies

Scope: workers' supplementary education [*formerly* 331.85]

Use 374.001–374.008 for standard subdivisions

For special education, see 371.9

.01 Aims and objectives

.012 Remedial

To fill gaps in prior education, reduce illiteracy

.013 Vocational [*formerly also* 371.426] and occupational

.014 Liberal and recreational

To enrich interests, resources, leisure

[374.09] Historical and geographical treatment

Do not use; class in 374.9

.1 Self-education

.2 Group education

Methods and programs

.21 Special interest groups

.22 Reading and discussion [*formerly also* 374.24] groups

[.24] Discussion groups

Class in 374.22

.26 Use of radio

.27 Use of motion pictures and television

.28 Community centers for adult education

.29 Institutions and agencies

Including institutes and workshops [*both formerly* 374.8]

Class schools in 374.4–374.8

.291 Private

.292 Governmental

.292 2 Federal and national

.292 3 State and provincial

.292 4 County and local

.4 Correspondence schools and instruction

.409 Historical and geographical treatment

Class treatment by continent, country, locality in modern world in 374.44–374.49

.44–.49 Treatment by continent, country, locality in modern world

Add area notations 4–9 to 374.4

374.8 **Continuation schools**

Schools above elementary level enabling young people in trade or industry to continue schooling in spare time

Add area notations 1–9 to 374.8

Class institutes and workshops [*both formerly* 374.8] in 374.29

.9 **Historical and geographical treatment of adult education**

Add area notations 1–9 to 374.9

375 Curriculums

Programs of study offered to students by schools

Use 375.000 1 – 375.000 8 for standard subdivisions

Class comprehensive works on curriculums at a specific level with the level

.001 Construction and designs

Theory and development

.002 Required courses

.004 Elective courses

.006 Evaluation and revision

.009 Historical and geographical treatment

.01–.99 Courses of study in specific subjects

Guides prepared for specific schools or school systems as aids to teaching

Divide like 010–990, e.g., history 375.9

Class courses of study on specific subjects at elementary level in 372.3–372.8

376 Education of women

Class elementary education of girls [*formerly* 376] in 372

[.09] Historical and geographical treatment

Do not use; class in 376.9

.5 **Convent education**

376.6 **Education of women by level**

.63 Secondary

.65 Higher

For colleges for women, see 376.8

.7 **Coeducation versus separate education for women**

.8 **Colleges for women**

Class specific topics in 378.01–378.36

Class specific colleges for women [*formerly* 376.8] in 378.4–378.9

.9 **Historical and geographical treatment**

Add area notations 1–9 to 376.9

377 Schools and religion

.1 **Religious instruction in nonsectarian schools**

[.2] **Moral, ethical, character education**

Class in 370.114

.3 **Monastic schools**

[.4] **Diocesan schools**

Class in 377.8

[.5] **Parochial schools**

Class in 377.8

.6 **Mission schools**

Schools operated by religious bodies as part of their missionary work

► **377.8–377.9 Church-supported schools**

Schools conducted by religious groups, usually without tax support

Scope: programs, problems, evaluation

Class a specific school with its level

For monastic schools, see 377.3; *mission schools,* 377.6

377.8 **Schools supported by Christian groups**

Including diocesan schools [*formerly* 377.4], parochial schools [*formerly* 377.5]

Divide like 281–289, e.g., Roman Catholic schools 377.82

.9 **Schools supported by other groups**

Divide like 292–299, e.g., schools of Islamic faith 377.97

378 Higher education

For special education, see 371.9

.001 Philosophy and theory

.002 Miscellany

.002 5 Directories

Class directories of institutions by continent, country, locality in modern world in 378.4–378.9

.003–.008 Dictionaries, serial publications, organizations, study and teaching, collections

.009 Historical and geographical treatment

Class treatment by continent, country, locality in modern world in 378.4–378.9

.01 Aims and objectives

.012 General education

.013 Professional education [*formerly* 378.99]

Class professional and graduate education in a specific subject with the subject

.02 Finance

► 378.04–378.05 Ownership and control of colleges and universities

378.04 Privately operated institutions

Class specific institutions in 378.4–378.9

For church-supported schools, see 377.8–377.9

.05 Publicly operated institutions [*formerly* 379.16]

Class specific institutions in 378.4–378.9

.052 Community colleges

When not considered part of high school system

.053 State colleges and universities

.054 Land-grant colleges and universities

SUMMARY

378.1	Colleges and universities
.2	Academic degrees
.3	Student costs and finances
.4–.9	Higher education and institutions by continent, country, locality in modern world

.1 **Colleges and universities**

Organization and administration

Use 378.100 1 – 378.100 9 for standard subdivisions

.101 Government

.101 1 Personnel

Boards, trustees, faculty senates and councils

.101 2 Policies and regulations

.102 Financial management

.103 College-community relations

.104 Cooperation among colleges and universities

.105 Matriculation [*formerly also* 371.214]

Divide like 371.216–371.219, e.g., entrance requirements 378.105 7

378.11 Administrative personnel
Functions and duties

.111 Academic
.112 Nonacademic

.12 Faculty
.121 Academic freedom
.122 Organization
.123 Exchange
.124 Personal and professional qualifications

[.13] University extension
Class in **378.155 4**

.14 College year
Divide like **371.23**, e.g., summer school **378.142**

.15 Types and levels of institutions
Class specific institutions in **378.4–378.9**

.154 Colleges
.154 2 Senior
.154 3 Junior
.154 4 Evening colleges
.155 Universities
.155 2 Undergraduate departments
.155 3 Graduate departments and schools
.155 4 Extension [*formerly also* 378.13]
For evening colleges, see **378.154 4**

.16 Academic control and organization of student body
Divide like **371.26–371.29**, e.g., credit and credit systems **378.168 1**

.17 Methods of instruction and study
Divide like **371.3**, e.g., seminars **378.177 1**
For educational exchanges, see **378.35**

378.18 School discipline
Divide like **371.5**, e.g., student government **378.189**

.19 Other aspects
.194 Guidance and counseling
Divide like **371.4**, e.g., educational guidance **378.194 22**

.196–.198 Physical plant, hygiene, the student
Divide like **371.6–371.8**, e.g., student activities **378.198 9**

.199 Curriculums
For courses of study in specific subjects, see **375.01–375.99**

.2 Academic degrees
.24 Earned degrees
.241 Course, residence, subject requirements
.242 Thesis requirements
Class preparation of theses [*formerly* **378.242**] in **808.02**

.25 Honorary degrees
.28 Costumes and symbols

.3 Student costs and finances
[.32] Endowment of research
Class in **001.44**

► 378.33–378.36 Financial aid to students
For veterans' education benefits, see **355.115 2**

.33 Fellowships
.34 Scholarships
.35 Educational exchanges
Including Fulbright exchanges

.36 Student loans and employment
.362 Loans and loan funds
.365 Employment

378.4–.9 **Higher education and institutions by continent, country, locality in modern world**

Scope: specific colleges for women [*formerly* 376.8]

Add area notations 4–9 to 378

If preferred, arrange specific colleges and universities alphabetically under each continent, and under specific countries requiring local emphasis

If it is desired to give local emphasis to a specific college or university, place it first by use of a letter, e.g., University of South Africa 378.S (preceding 378.4)

(Optional: publications of specific colleges and universities; prefer specific subjects)

Subarrange publications of specific colleges and universities according to the following table:

A Charter and statutes
B Trustees and regents
C Administrative officers
D Finances
E History
F Biographies and necrologies
G General catalogs
H Annual catalogs, attendance lists, registers
I Handbooks and circulars of information
J Bulletins and official periodicals
K Commencements, inaugurals, baccalaureate and other addresses
L Programs, tickets, memorabilia
M Faculty
N Lectures, class manuals, examination questions
O Student theses, orations, essays
P Student catalogs and society annuals
Q Student periodicals
R Student societies and their periodicals
S Student miscellany
Including songs, class days
T Alumni
U Classes
V Pictures and class albums
W Buildings and grounds
Z Professional, graduate, other schools

[.99] Professional education

Class in 378.013

379 **Governmental supervision and financial support of education**

.1 **General principles**

Class applications in 379.2–379.9

► 379.12–379.13 Financial support

.12 Federal, national, state, provincial, local support of education

.121 Federal and national aid

.121 2 To elementary and secondary education

.121 22 Public

.121 24 Nonpublic

.121 4 To higher education

.121 42 Public

.121 44 Nonpublic

.122 Expenditures and support at state and provincial level

.123 Expenditures and support at local level

.13 Revenue sources for public schools

.132 Bonds

.134 Taxation

[.14] School laws and regulations

Class in 340

.15 Government supervision

Class public administration aspects [*formerly* 379.15] in 350.85

.152 Central government supervision

Thru central agencies

For certification and registration of teachers, see 371.133

.152 1 School standards and accreditation

.152 2 Surveys and evaluation

379.153 School districts

Local supervision and responsibility

.153 1 School boards

.153 5 Centralization and consolidation [*both formerly also* 379.175]

.156 Textbook selection

Central and local

[.16] Publicly operated institutions of higher education

Class in **378.05**

[.175] Centralization, consolidation, transportation

Class centralization and consolidation in **379.153 5**, transportation of students in **371.872**

.2 Public education

Class public education at a specific level with the level

.209 Historical and geographical treatment

Class treatment by continent, country, locality in modern world in **379.4–379.9**

► 379.23–379.24 Governmental concern with and control over literate populace

.23 Compulsory education

.24 Illiteracy

.3 Nonpublic education

Class nonpublic education at a specific level with the level, programs of church-supported schools in **377.8–377.9**

.4–.9 Public education by continent, country, locality in modern world

Add area notations **4–9** to **379**

380 Commerce

Publicly and privately owned and administered activities and facilities for human intercourse thru exchange of goods and services, communication, transportation

Class comprehensive works on public utility services in **363.6**, public regulation and control in **350.87**, management in **658**, international commercial law in **341.57**, domestic commercial law in **347.7** [*all formerly* **380**]

.01 Philosophy and theory

.013 Value

Including commerce and civilization

.02–.05 Miscellany, dictionaries, serial publications

.06 Organizations

Scope: chambers of commerce, boards of trade

.07–.08 Study, teaching, collections, anthologies

.09 Historical and geographical treatment

.1 Exchange of goods and services (Trade) [*formerly* 382]

Scope: marketing [*formerly* **338**]

Class specific kinds in **381–382**

.101 Philosophy and theory

.102 Miscellany

.102 5 Directories of dealers and traders

.103–.109 Other standard subdivisions

.13 Commercial policy

For specific commodities and services, see **380.14**

.14 Specific commodities and services

► 380.141–380.144 Primary products

.141 Agricultural

Divide like **633–638**, e.g., rice **380.141 318**

.142 Mineral

Divide like **553**, e.g., petroleum **380.142 282**

380.143 Hunting and fishing

Divide like 592–599, e.g., bearskins 380.143 974 446

.144 Human beings (Slave trade) [*formerly* 326.1]

.145 Secondary products and services

Use 380.145 000 1 – 380.145 000 9 for standard subdivisions

Divide like 001–999, e.g., clothing 380.145 687

.3 Communication services

Class specific kinds in 383–384

.301–.309 Standard subdivisions

.34 Activities

.35 Facilities

.5 Transportation services [*formerly* 385]

Class specific kinds in 385–388

.501–.509 Standard subdivisions

.51 Comparative studies of kinds of transportation

.52 Activities

.53 Facilities

.58 Mergers and consolidations of systems

► 381–382 Exchange of goods and services (Trade)

Scope: marketing

Class comprehensive works in 380.1

381 Internal commerce (Domestic trade)

.3 Commercial policy

Promotion of, competition in, barriers to commerce

For specific commodities and services, see 381.4

381.4 Specific commodities and services

► 381.41–381.44 Primary products

.41 Agricultural

Divide like 633–638, e.g., rice 381.413 18

.42 Mineral

Divide like 553, e.g., petroleum 381.422 82

.43 Hunting and fishing

Divide like 592–599, e.g., bearskins 381.439 744 46

.44 Human beings (Slave trade)

.45 Secondary products and services

Use 381.450 001 – 381.450 009 for standard subdivisions

Divide like 001–999, e.g., clothing trade 381.456 87

382 International commerce (Foreign trade)

Scope: tariff [*formerly* 337], trade between nations, between nations and their colonies, protectorates, trusts

Class comprehensive works on exchange of goods and services [*formerly* 382] in 380.1

.09 Historical and geographical treatment

Add area notations 1–9 to 382.09, e.g., international trade of Great Britain 382.094 2; then, for trade between two countries, regions, areas, places, groups, add 0 and again add area notations 1–9, e.g., trade between Great Britain and communist bloc 382.094 201 717

Give priority in notation to the country, region, area, place, group requiring local emphasis, e.g., libraries in United States class trade between Great Britain and United States in 382.097 304 2. If the two require equal emphasis, give priority to the one coming first in the sequence of area notations

SUMMARY

382.3	Commercial policy
.4	Specific commodities and services
.5	Import trade
.6	Export trade
.7	Tariff policy
.9	Trade agreements

382.3 **Commercial policy**

Balance of trade, control, dumping, correction of maladjustments, free ports

For tariff policy, see 382.7; specific commodities and services, 382.4

.4 **Specific commodities and services**

► 382.41–382.44 Primary products

.41 Agricultural

Divide like 633–638, e.g., rice 382.413 18

.42 Mineral

Divide like 553, e.g., petroleum 382.422 82

.43 Hunting and fishing

Divide like 592–599, e.g., bearskins 382.439 744 46

.44 Human beings (Slave trade)

.45 Secondary products and services

Use 382.450 001 – 382.450 009 for standard subdivisions

Divide like 001–999, e.g., clothing 382.456 87

► **382.5–382.6 Direction of flow**

For specific commodities and services, see 382.4

.5 **Import trade**

.6 **Export trade**

.7 **Tariff policy**

For specific commodities and services, see 382.4; *trade agreements,* 382.9

.71 Free trade (No tariff)

.72 Tariff for revenue (Fiscal tariff)

.73 Protective and prohibitive tariff

.74 Subsidies and drawbacks

382.78 Exemptions

.782 Personal and institutional

Including commodities used for educational purposes, privileges for foreign-service personnel and tourists

.788 On relief supplies

.9 Trade agreements

Class agreements on a specific subject in 382.3–382.6

.91 Multilateral agreements and customs unions

Class bilateral agreements in 382.93–382.99

.911 Regional

Add area notation 1 to 382.91

.913 The ancient world

Add area notation 3 to 382.91

► 382.914–382.919 The modern world

.914 European

.914 2 European Economic Community (European Common Market)

.914 3 European Free Trade Association

.915–.919 Other

Add area notations 5–9 to 382.91

.93–.99 By specific countries

Add area notations 3–9 to 382.9, e.g., trade agreements of United Kingdom 382.942; then, for bilateral agreements, add 0 and again add area notations 3–9, e.g., agreements between United Kingdom and France 382.942 044

Give priority in notation to the country requiring local emphasis, e.g., libraries in United States class agreements between United Kingdom and United States in 382.973 042. If the two countries require equal emphasis, give priority to the country coming first in the sequence of area notations

► **383–384 Communication services**

Class comprehensive works in **380.3**

383 Postal communication

.09 Historical and geographical treatment

Class national systems in **383.49**

.1 Activities and facilities

For use of postage stamps, see **383.2**

.12 Types of mailable and nonmailable matter

Use **383.120 01 – 383.120 09** for standard subdivisions

.120 2 Free mail

Franking privileges

.120 5 Nonmailable matter

.122 Letters, postal cards, other written matter

.123 Periodicals

.124 Miscellaneous matter

Nonperiodical printed matter and merchandise of limited weight

.125 Other parcels

.14 Collection, transportation, delivery systems

For types of mailable matter, see **383.12**

► 383.141–383.144 Long-distance transport services

.141 Instantaneous facsimile transmission

.142 By sea

.143 By land

.143 5 Railroad

.143 6 Inland waterway

.143 8 Highway

Including star routes [*formerly* **383.148**]

383.144 By air and space vehicles

.144 7 Air

.144 8 Space

.145 Local collection, transport, delivery

Including rural collection and delivery

For star routes, see **383.143 8**

[.148] Star routes

Class in **383.143 8**

.18 Other

.182 Insurance and registry of mail

.183 Special delivery

.184 Collection of charges on delivery (COD)

.185 Bulk mail

.2 Use of postage stamps

Separate, precanceled, printed on cards and envelopes

[.22] Philately

Class in **769.56**

.4 Systems

.41 International systems and conventions

.49 National systems

Add area notations **3–9** to **383.49**

384 Other systems of communication

Class comprehensive works on communication in **001.5**, on mass communication in **301.16** [*both formerly* **384**]

► **384.1–384.7 Telecommunication**

.1 Wire telegraphy

For submarine cable telegraphy, see **384.4**

.14 Activities

Including transmission of facsimiles and specific kinds of messages, communication by teletypewriter and ticker

For postal facsimile transmission, see **383.141**

384.15 Facilities
Apparatus and stations

.4 **Submarine cable telegraphy**
Divide like **384.1**, e.g., activities **384.44**

.5 **Wireless**
.52 Radiotelegraphy
Divide like **384.1**, e.g., activities **384.524**

.53 Radiotelephony
Divide like **384.1**, e.g., activities **384.534**

.54 Radiobroadcasting [*formerly also* 791.44]
Divide like **384.1**, e.g., activities **384.544**

.55 Television
.554 Broadcasting [*formerly also* 791.45]
Divide like **384.1**, e.g., facilities **384.554 5**

.555 Closed circuit communication
Divide like **384.1**, e.g., facilities **384.555 5**

.6 **Wire telephony**
Divide like **384.1**, e.g., activities **384.64**

.7 **Alarm and warning systems**
Against fires, air raids, storms, floods

.8 **Motion pictures** [*formerly* 791.43]
Divide like **384.1**, e.g., activities **384.84**

.9 **Visual signaling**

► 385–388 Transportation services

Class comprehensive works in **380.5**

For postal transportation systems, see **383.14**

385 Railroad transportation

Class comprehensive works on transportation services [*formerly* **385**] in **380.5**

For local rail transit systems, see **388.4**

► 385.2–385.3 Heavy-duty standard-gage systems

.2 **Activities**
Scope: schedules, routes, classification

.22 Passenger services
Including baggage, sleeper, meal services

.23 Express services
.24 Freight services
.26 Warehousing and storage services
.29 Free services

.3 **Facilities**
.31 Stationary
Stations, terminals, yards

.32–.34 Cars
Divide like **625.22–625.24**, e.g., passenger cars **385.33**

.36 Locomotives
.361 Steam
.362–.366 Other
Divide like **625.262–625.266**, e.g., diesel **385.366**

.5 **Light railway systems**
Monorailway, narrow-gage, industrial, light standard-gage

385.6 **Inclined and mountain railway systems**

Funicular, rack, cable

.7 **Railroad combined with other transportation systems**

.72 Unitized cargo

Including piggyback (trucks, trailers, buses, private automobiles on flatcars)

For container-ship operations, see 387.544

.77 Ship railway systems

Railways transporting vessels overland between bodies of water

[.9] **Pipeline transportation**

Class in 388.5

386 Inland waterway transportation

.2 **Activities and facilities**

Except for ships and ports, class activities and facilities of specific types of inland waterway systems in 386.3–386.6

For ports, see 386.8

.22 Ships

Description, history, rating, tonnage, classification

Divide like 623.82, e.g., tugboats 386.223 2

.24 Activities

Schedules, routes, classification

► **386.3–386.6 Specific types of inland waterway systems**

Activities and facilities

For ships, see 386.22; *ports,* 386.8

► **386.3–386.5 Specific kinds of waterways**

For ferry transportation, see 386.6

.3 **Rivers**

Including canalized rivers

386.4 **Canals**

Existing and proposed

.42 Interoceanic canals

For canals connecting specific oceans, see 386.43–386.45

► 386.43–386.45 Canals connecting specific oceans

.43 Indian and Atlantic Oceans (Suez Canal)

.44 Atlantic and Pacific Oceans

.444 Panama Canal

.445 Nicaragua Canal

.447 Tehuantepec Canal

.45 Pacific and Indian Oceans

Class canals connecting parts of one ocean [*formerly* 386.45] in 386.46

.46 Noninteroceanic canals

Including canals connecting parts of one ocean [*formerly* 386.45]

For types of noninteroceanic canals, see 386.47–386.48

► 386.47–386.48 Types of noninteroceanic canals

Scope: specific canals

.47 Ship canals

.48 Small craft and barge canals

.5 **Lakes**

.6 **Ferry transportation**

For passengers, freight, vehicles, trains

.8 **Ports**

Activities and facilities

387 Water, air, space transportation

Use 387.000 1 – 387.000 9 for standard subdivisions

For inland waterway transportation, see 386

.001–.009 Standard subdivisions of water transportation

.01–.09 Standard subdivisions of ocean (marine) transportation

SUMMARY

387.1–.5 Ocean (Marine) transportation

- .1 Ports
- .2 Ships
- .5 Activities of merchant marine (Maritime transport)
- .7 Air transportation
- .8 Space transportation

► **387.1–387.5 Ocean (Marine) transportation**

Class standard subdivisions in 387.01–387.09

.1 Ports

Activities and facilities

.109 Historical and geographical treatment

Including specific ports [*formerly* 387.129]

.12 Physiographic types

Class specific ports in 387.109

.122 In natural bays

.123 In river mouths, tidal rivers, estuaries

.125 In roadsteads

[.129] Specific ports

Class in 387.109

.13 Free ports

Class specific ports in 387.109

.2 Ships

Description, history, rating, tonnage, classification

Divide like 623.82, e.g., cargo ships 387.245

387.5 Activities of merchant marine (Maritime transport)

.52 Seaways (Trade lanes)

.522 Intercoastal routes

.523 Auxiliary, irregular, tramp routes

.524 Coastwise routes

.54 Other activities

Scope: shipping, schedules, classification

For salvage, see 387.55

.542 Passenger services

Including baggage services

.544 Freight services

Loading, handling, unloading

Including container-ship operations

.549 Free services

.55 Salvage

.7 Air transportation

.72 Airways

.73 Facilities

.732–.733 Aircraft

Divide like 629.133 2 – 629.133 3, e.g., helicopters 387.733 5

.736 Airports and landing fields

Runways, terminal buildings, hangars, control towers, warehouses

.74 Activities

Schedules, classification

For airways, see 387.72

.742 Passenger services

Including baggage services

.744 Freight services

.749 Free services

.8 Space transportation

388 Ground transportation

Other than nonlocal rail transportation

.1 Roads and highways

Activities and services

Including vehicular bridges and tunnels

.3 Vehicular transportation

.31 Traffic flow and maintenance

.32 Other activities

Scope: schedules, routes, classification

.322 Passenger services

.324 Freight services (Trucking)

.329 Free services

► 388.33–388.35 Facilities

.33 Stationary

Terminal, parking, garage, repair facilities

Class vehicles [*formerly* 388.33] in 388.34–388.35

► 388.34–388.35 Vehicles [*formerly* 388.33]

.34 Conventional

.341 Carts, wagons, carriages

Including rickshaws

.342–.348 Gasoline-, oil-, man-powered

Divide like 629.222–629.228, e.g., taxicabs 388.342 32

For rickshaws, see 388.341

.349 Other

.35 Air-cushion

388.4 Local rail and trolley transit systems

.42 Underground (Subways)

.44 Elevated

.46 Surface

Trolleycars and -buses

.5 Pipeline transportation [*formerly* 385.9]

389 Metrology and standardization

For horology, see 529.7

.1 Mass and dimension

Weights and measures used in commerce and daily life

.15 Systems

Scope: conversion tables

.152 Metric system

.153 Imperial (British) system

.159 Other systems

Including proposed systems

.16 Standards and standardization

.6 Standardization

For standardization of weights and measures, see 389.16

.62 Of quantity

For interchangeability

.63 Of quality

For performance

390 Customs and folklore

Scope: cultural anthropology [*formerly also* 572]

Including food customs [*formerly also* 641.3]

Use 390.001–390.009 for standard subdivisions

.01–.08 Standard subdivisions of customs

.09 Historical and geographical treatment of customs

Scope: customs of specific continents, countries, localities in modern world [*formerly* 914–919]

► **390.1–390.5 Customs of specific classes of people**

.1 Specific economic statuses

.2 Specific ranks

.22 Royalty

.23 Nobility

.24 Free commoners

.25 Slaves, serfs, peons

.4 Specific occupations

Divide like 920.1–928.9, e.g., customs of lawyers 390.434

.5 Specific levels of education

► **391–395 Specific customs**

Origin, description, comparison of customs, practices [*both formerly also* 398.3], taboos, manners, habits, conventions, rituals

For customs of war, see 399

391 Costume

Scope: fashion [*formerly also* 646.01]

Use 391.001–391.009 for standard subdivisions

Class art aspects of costume [*formerly* 391] in 746.9

.01–.05 Costumes of specific classes of people

Divide like 390.1–390.5, e.g., costumes of lawyers 391.043 4

391.1–.3 Outer garments

Divide like 687.11–687.13, e.g., outer garments for women 391.2

.4 Other garments and auxiliaries

.41 Hand-, foot-, neckwear

Gloves, mittens, muffs, hosiery, shoes, boots, neckties

.42 Underwear

.43 Headgear

.44 Fans, parasols, canes, eyeglasses

.45 Buttons

.5 Hair styles

Including beards, wigs

.6 The person

.62 Body contours

.63 Use of cosmetics and perfume

.64 Bathing

.7 Jewelry and tattooing

392 Customs of life cycle

For death customs, see 393

.1 Birth, puberty, majority

Including christening, circumcision, debuts, other rituals and practices

.3 Family and home

.32 Kinship

.33 Totems and totemism

.36 Dwelling places

Including heating, lighting, furnishings, sanitation

Use 392.360 01 – 392.360 09 for standard subdivisions

.360 1–.360 5 Of specific classes of people

Divide like 390.1–390.5, e.g., dwelling places of royalty 392.360 22

392.37 Food and meals
.38 Other domestic arts and sciences
.4 **Courtship**
.5 **Marriage**
.6 **Sex outside marriage**
.9 **Treatment of aged**

393 Death customs

.1 **Burial**
.2 **Cremation**
.3 **Embalmment and mummification**
.4 **Exposure**
.9 **Mourning**

394 Public and social customs

Including swearing, use of signs and signboards

.1 **Eating, drinking, using tobacco and narcotics**
.2 **Festivals and anniversaries**
.25 Carnivals
Including Mardi gras celebrations

.26 Holidays
[.260 9] Historical and geographical treatment
Do not use; class in 394.269

.268 Specific holidays
.269 Historical and geographical treatment
Add area notations 1–9 to 394.269

.3 **Games and dances**
.4 **Official ceremonies and observances**
Coronations, inaugurations, jubilees, state visits, triumphs

.5 **Pageants, processions, parades**
For carnivals, see 394.25

394.6 **Fairs**
.7 **Knightly customs**
.8 **Dueling and suicide**

395 Etiquette

Codes of social and formal conduct
For military etiquette, see 355.13; *protocol of diplomacy,* 341.7

.1 **Specific groups**
Divide like 170.202, e.g., etiquette for children 395.122
For specific occasions, see 395.2; *specific activities,* 395.3–395.4

.2 **Specific occasions**
.22 Engagements and weddings
.23 Mourning

► **395.3–395.4 Specific activities**
For specific occasions, see 395.2

.3 **Hospitality and table manners**
.4 **Social letter writing**

[396] Woman

Class in 301.412

[.2] **Legal status of women**
Class in 340

[397] Gipsies

Class in area notation 174

398 Folklore

Class belles-lettres in 800

SUMMARY

398.2	Tales and legends
.3	The real
.4	The unreal
.5	Chapbooks
.6	Riddles
.8	Rimes and games
.9	Proverbs

.2 Tales and legends

.21 Fairy tales

.22 Tales and legends of heroes

.23 Tales and legends of places

Including tales of haunted places [*formerly* 398.32], original home of man [*formerly also* 572.4]

.24 Tales and legends of animals and plants

► **398.3–398.4 Subjects of folklore**

History and criticism

.3 The real

Class customs, practices [*both formerly* 398.3] in 391–395

.32 Places

Class tales of haunted places [*formerly* 398.32] in 398.23

.322 Physiographic features

.323 Haunted places

.324 Treasure trove

.329 Specific places

Add area notations 3–9 to 398.329

.33 Special seasons and days

.35 Persons

.352 Kinds

Women, children, kings, heroes, witches, sorcerers

398.353 Human body and its parts

Including medical folklore

.354 Life cycle

Birth, love, marriage, death

.355 Everyday life

Food, dwellings, occupations, recreation

.36 Nature and natural phenomena

.362 Cosmic phenomena

Heavenly bodies, weather

.364 Fire

.365 Minerals

.368 Plants

.369 Animals

.37 Superstitions

Charms, curses, dreams, predictions, signs, numbers

.4 The unreal

.42 Imaginary places

.45 Beings of human and semihuman form

Demons, ogres, fairies, elves, gnomes, vampires

.46 Imaginary minerals, plants, animals

.465 Minerals

Including philosopher's stone

.468 Plants

.469 Animals

Basilisks, dragons, phoenixes, unicorns, werewolves

.47 Ghosts

For haunted places, see 398.323

► 398.5–398.9 Specific forms of folklore

For tales and legends, see 398.2

398.5 Chapbooks

.6 Riddles

.8 Rimes and games

Nursery rimes, counting-out rimes, street cries and songs

.9 Proverbs

Divide like 420–490, e.g., Indo-Iranian proverbs 398.991 1

399 Customs of war

Weapons, dances, treatment of captives, e.g., scalping, cannibalism

400

400 Language

Expression and comprehension of ideas thru systematic symbolism

Class language of a specific subject with the subject

401 Philosophy and theory

Including value

.3 Universal languages [*formerly* 408.9]

.9 Psycholinguistics

402 Miscellany

403 Dictionaries, encyclopedias, concordances

404

405 Serial publications

406 Organizations

407 Study and teaching

408 Collections and anthologies

[.7] Dialectology

Class in 417.2

[.9] Universal and artificial languages

Class universal languages in 401.3, artificial languages in 499.99

409 Historical and geographical treatment

410 Linguistics and nonverbal language

Use 410.01–410.09 for standard subdivisions

Class translation [*formerly* 410] in 418.02

.1–.9 **Standard subdivisions of linguistics**

► **411–418 Linguistics**

Science and structure of spoken and written language

Scope: comprehensive works on Indo-European languages [*formerly* 491]

Class linguistics of specific languages in 420–490

411 Notations (Alphabets and ideographs)

Including hieroglyphics [*formerly* 419.25]

Class phonetic transcription [*formerly* 411] in 414

412 Etymology

Phonetic, graphic, semantic development of words and morphemes

For notations, see 411; *phonology,* 414

413 Polyglot dictionaries

.028 Lexicography

Technique of recording lexical knowledge

414 Phonology

Including phonetic transcription [*formerly* 411], intonation

415 Structural systems

Former heading: Grammar

Morphology and syntax

416 Prosody

417 Dialectology and paleography

.2 **Dialectology [*formerly* 408.7]**

.7 **Historical linguistics (Paleography)**

Study of early writings

Class specific elements in 411–416

418 Usage (Applied linguistics)

Use 418.001–418.009 for standard subdivisions

For polyglot dictionaries, see 413

.02 Translation [*formerly* 410] and interpretation

.022 By person

.028 By machine

419 Nonverbal language

[.25] Hieroglyphics

Class in 411

► 420–490 Specific languages

Scope: comprehensive works on specific languages and their literatures

Divide as below, but, if it is desired to give local emphasis and a shorter number to a specific language, place it first by use of a letter or other symbol, e.g., Arabic language **4A0** (preceding **420**); then divide as instructed under **430–490**

For literatures of specific languages, see **810–890**

► 420–480 Indo-European languages

Class comprehensive works in **411–418**

For East Indo-European and Celtic languages, see **491**

420 English and Anglo-Saxon

Use **420.01–420.09** for standard subdivisions

.1–.9 Standard subdivisions of English

Class dictionaries of the language in **423**

► 421–426 Description and analysis of standard English

Class standard English usage in **428**

421 Written and spoken codes

Including abbreviations, acronyms, punctuation, capitalization

For lexicology, see **422–423**; *structural system,* **425**

.1 Notation

[.4] Spelling

Class in **421.52**

.5 Phonology

For intonation, see **421.6**

.52 Spelling [*formerly* 421.4] and pronunciation

Including spelling reform, phonetic spelling

For standard American pronunciation, see **421.54**; *standard British pronunciation,* **421.55**

421.54 Standard American pronunciation

.55 Standard British pronunciation

.6 Intonation

Pitch, stress, juncture (pauses)

.7 Paleography

Study of early writings

[.8] Dictionaries of abbreviations

Class in **423.1**

► 422–423 Lexicology

Scope: synonyms, antonyms, homonyms [*all formerly* **424**]

422 Etymology

Phonetic, graphic, semantic development of words and morphemes

For notation, see **421.1**; *phonology,* **421.5**

.4 Foreign elements

Divide like **430–490**, e.g., French words in English **422.44**

When dividing other languages as instructed under **430–490**, divide numbers corresponding to **422.4** like **420–490**, e.g., English words in French **442.42**

423 Dictionaries

.1 Specialized

Abbreviations [*formerly* **421.8**], acronyms, synonyms, antonyms, homonyms

.3–.9 Bilingual

Divide like **430–490**, e.g., dictionaries of German and English **423.3**

When dividing other languages as instructed under **430–490**, interpret this entry as **423.2–423.9** and divide like **420–490**

Class bilingual dictionaries with the language requiring local emphasis, e.g., libraries in English-speaking regions class dictionaries of German and English in **433.2**. If the two languages require equal emphasis, class with the language coming later in the sequence **420–490**

[424] **Synonyms, antonyms, homonyms**

Class lexicology in **422–423**, standard usage in **428**

425 **Structural system**

Former heading: Grammar

Morphology and syntax

426 **Prosody**

427 **Nonstandard English**

Description, analysis, usage

For Old English, see **429**

.02 Middle English, 1100–1500

.09 Modern nonregional variations

Slang, ephemera, picturesque and exaggerated expressions

► **427.1–427.9 Regional variations**

.1–.8 **In England**

Divide like area notations **421–428**, e.g., dialects of London **427.1**

.9 **In other places**

Add area notations **4–9** to **427.9**

428 **Standard English usage (Applied linguistics)**

General English, formal English, informal English, Basic English; synonyms, antonyms, homonyms [*all formerly* **424**]

Use **428.001–428.009** for standard subdivisions

For dictionaries, see **423**; *composition,* **808.042**

.02 Translating and interpreting from other languages

Divide like **418.02**, e.g., machine translation **428.028**

.1 **Spelling and pronunciation**

► **428.2–428.3 Expression**

428.2 **Structural approach**

Formal presentation of grammar, vocabulary, reading selections

For spelling and pronunciation, see **428.1**; *reading,* **428.4**

.24 For those whose native language is not English

Divide like **430–490**, e.g., English for Spanish-speaking people **428.246**

When dividing other languages as instructed under **430–490**, divide numbers corresponding to **428.24** like **420–490**, e.g., Spanish for English-speaking people **468.242**

.3 **Audio-lingual approach**

Informal presentation thru practice in correct usage

For pronunciation, see **428.1**

.34 For those whose native language is not English

Divide like **430–490**, e.g., English speech for Spanish-speaking people **428.346**

When dividing other languages as instructed under **430–490**, divide numbers corresponding to **428.34** like **420–490**, e.g., Spanish for English-speaking people **468.342**

.4 **Reading**

For readers, see **428.6**

.42 Remedial reading

Correcting faulty habits and increasing proficiency

.43 Developmental reading

Increasing reading power and efficiency

.6 **Readers**

Graded selections with emphasis on structure and vocabulary as needed

.62 **Remedial**

428.64 For those whose native language is not English

Divide like **430–490**, e.g., English readers for Spanish-speaking people **428.646**

When dividing other languages as instructed under **430–490**, divide numbers corresponding to **428.64** like **420–490**, e.g., Spanish readers for English-speaking people **468.642**

429 **Anglo-Saxon (Old English)**

Divide like **421–428**, e.g., dictionaries **429.3**

► **430–490 Other specific languages**

Divide each language identified by * like **421–428**, e.g., Hebrew language dictionaries **492.43**. Under languages having more than one entry in this table, divide each entry identified by * like the corresponding number or numbers under **421–428**, e.g., German language phonology **431.5**. Note, however, in subdivision **7** that period divisions and geographical range of nonstandard variations are different for each specific language, and are shown below where their use is recommended; they may be supplied elsewhere as needed, for languages requiring local emphasis, by use of letter notation

430 **Germanic languages [*formerly* 439]**

Use **430.01–430.09** for standard subdivisions

.1–.9 **Standard subdivisions of German**

Class dictionaries of the language in **433**

► **431–436 Description and analysis of standard German**

Class standard German usage in **438**

431 ***Written and spoken codes**

* Divide as instructed under **430–490**

► **432–433 Lexicology**

Scope: synonyms, antonyms, homonyms [*all formerly* **434**]

432 ***Etymology**

433 ***Dictionaries**

[434] **Synonyms, antonyms, homonyms**

Class lexicology in **432–433**, standard usage in **438**

435 **Structural system**

Former heading: Grammar

Morphology and syntax

436 **Prosody**

437 **Nonstandard German**

Description, analysis, usage

.01 Old High German to 1100

.02 Middle High German, 1100–1500

.09 Modern nonregional variations

Slang, ephemera, picturesque and exaggerated expressions

► **437.1–437.9 Regional variations**

.1–.6 **In Germany and Austria**

Divide like area notations **431–436**, e.g., dialects of Bavaria **437.3**

.9 **In other places**

Add area notations **4–9** to **437.9**

438 ***Standard German usage (Applied linguistics)**

General German, formal German, informal German; synonyms, antonyms, homonyms [*all formerly* **434**]

* Divide as instructed under **430–490**

439 Other Germanic languages

Class comprehensive works on Germanic languages [*formerly* 439] in 430

► **439.1–439.4 West Germanic languages**

.1 **Old Low Germanic languages**

Old Saxon [*formerly* 439.4], Old Frisian [*formerly* 439.2], Old Low Franconian, Old Low German

► **439.2–439.4 Modern Low Germanic languages**

.2 ***Frisian**

Class Old Frisian [*formerly* 439.2] in 439.1

.3 **Dutch, Flemish, Afrikaans**

.31 *Dutch

.32 *Flemish

.36 *Afrikaans

.4 ***Low German (Plattdeutsch)**

Middle and Modern Low German

Class Old Saxon [*formerly* 439.4] in 439.1

For Yiddish, see 492.49

.5 **Scandinavian (North Germanic) languages**

Including Common Scandinavian to 900, Runic Danish, 900–1150

Class other specific Scandinavian languages in 439.6–439.8

.6 **West Scandinavian languages**

Use 439.600 1 – 439.600 9 for standard subdivisions

.601–.609 Standard subdivisions of Old Norse (Old Icelandic)

Class dictionaries of the language in 439.63

.61–.68 *Principles of Old Norse (Old Icelandic)

* Divide as instructed under 430–490

439.69 Modern Icelandic and Faeroese

Use 439.690 01 – 439.690 09 for standard subdivisions

.690 1–.690 9 Standard subdivisions of Modern Icelandic

Class dictionaries of the language in 439.693

.691–.698 *Principles of Modern Icelandic

.699 *Faeroese

► **439.7–439.8 East Scandinavian languages**

.7 ***Swedish**

.8 **Danish and Norwegian languages**

.81 *Danish

Scope: Early Common Danish (common language of Denmark and Norway), 1450–1800

.82 *Norwegian (Bokmaal)

.83 *New Norse (Landsmaal)

.9 ***Gothic (East Germanic)**

► 440–460 Romance languages

Class comprehensive works in 479.1

440 French, Provençal, Catalan

Use 440.01–440.09 for standard subdivisions

.1–.9 **Standard subdivisions of French**

Class dictionaries of the language in 443

► **441–446 Description and analysis of standard French**

Class standard French usage in 448

441 ***Written and spoken codes**

* Divide as instructed under 430–490

► **442–443 Lexicology**

Scope: synonyms, antonyms, homonyms [*all formerly* 444]

442 ***Etymology**

443 ***Dictionaries**

[444] **Synonyms, antonyms, homonyms**

Class lexicology in 442–443, standard usage in 448

445 **Structural system**

Former heading: Grammar

Morphology and syntax

446 **Prosody**

447 **Nonstandard French**

Description, analysis, usage

.01 Old French to 1400

.02 Middle French, 1400–1600

.09 Modern nonregional variations

Slang, ephemera, picturesque and exaggerated expressions

► **447.1–447.9 Regional variations**

.1–.8 **In France**

Divide like area notations 441–448, e.g., dialects of southern France (Languedoc) 447.8

Class dialects of southeastern France (Provençal) in 449

.9 **In other places**

Add area notations 4–9 to 447.9

448 ***Standard French usage (Applied linguistics)**

General French, formal French, informal French; synonyms, antonyms, homonyms [*all formerly* 444]

* Divide as instructed under 430–490

449 **Provençal and Catalan**

Use 449.001–449.009 for standard subdivisions

.01–.09 Standard subdivisions of Provençal

Class dictionaries of the language in 449.3

.1–.8 ***Principles of Provençal**

.9 ***Catalan**

450 **Italian, Romanian, Rhaeto-Romanic**

Use 450.01–450.09 for standard subdivisions

.1–.9 **Standard subdivisions of Italian**

Class dictionaries of the language in 453

► **451–456 Description and analysis of standard Italian**

Class standard Italian usage in 458

451 ***Written and spoken codes**

► **452–453 Lexicology**

Scope: synonyms, antonyms, homonyms [*all formerly* 454]

452 ***Etymology**

453 ***Dictionaries**

[454] **Synonyms, antonyms, homonyms**

Class lexicology in 452–453, standard usage in 458

455 **Structural system**

Former heading: Grammar

Morphology and syntax

456 **Prosody**

* Divide as instructed under 430–490

457 Nonstandard Italian

Description, analysis, usage

.01 Old Italian to 1300

.02 Middle Italian, 1300–1600

.09 Modern nonregional variations

Slang, ephemera, picturesque and exaggerated expressions

► 457.1–457.9 Regional variations

.1–.7 In continental Italy

Divide like area notations **451–457**, e.g., dialects of Lombardy **457.2**

.8 In Sicily

Divide like area notations **458 1–458 2**, e.g., dialects of Palermo **457.823**

.9 Other

.91–.93 In Sardinia

Divide like area notations **459 1–459 3**, e.g., dialects of Cagliari **457.91**

.95 In Corsica

.99 In other places

Add area notations **4–9** to **457.99**

458 *Standard Italian usage (Applied linguistics)

General Italian, formal Italian, informal Italian; synonyms, antonyms, homonyms [*all formerly* **454**]

459 Romanian and Rhaeto-Romanic

Use **459.001–459.009** for standard subdivisions

.01–.09 Standard subdivisions of Romanian

Class dictionaries of the language in **459.3**

.1–.8 *Principles of Romanian

.9 Rhaeto-Romanic languages

* Divide as instructed under **430–490**

460 Spanish and Portuguese

Use **460.01–460.09** for standard subdivisions

.1–.9 Standard subdivisions of Spanish

Class dictionaries of the language in **463**

► **461–466 Description and analysis of standard Spanish**

Class standard Spanish usage in **468**

461 *Written and spoken codes

► 462–463 Lexicology

Scope: synonyms, antonyms, homonyms [*all formerly* **464**]

462 *Etymology

463 *Dictionaries

[464] Synonyms, antonyms, homonyms

Class lexicology in **462–463**, standard usage in **468**

465 Structural system

Former heading: Grammar

Morphology and syntax

466 Prosody

467 Nonstandard Spanish

Description, analysis, usage

.01 Old Spanish to 1100

.02 Middle Spanish, 1100–1600

.09 Modern nonregional variations

Slang, ephemera, picturesque and exaggerated expressions

► 467.1–467.9 Regional variations

.1–.8 In Spain

Divide like area notations **461–468**, e.g., dialects of Andalusia **467.8**

* Divide as instructed under **430–490**

467.9 **In other places**

Add area notations **4–9** to **467.9**

468 ***Standard Spanish usage (Applied linguistics)**

General Spanish, formal Spanish, informal Spanish; synonyms, antonyms, homonyms [*all formerly* **464**]

469 ***Portuguese**

.7 **Nonstandard Portuguese**

Description, analysis, usage

.701 Old Portuguese to 1100

.702 Middle Portuguese, 1100–1600

.709 Modern nonregional variations

Slang, ephemera, picturesque and exaggerated expressions

► 469.71–469.79 Regional variations

.71–.76 In continental Portugal

Divide like area notations **469 1 – 469 6**, e.g., dialects of Lisbon **469.74**

.78 In Madeira

.79 Other

.791 In Azores

.794 In Spain

Galician (Gallegan) [*formerly* **469.9**]

.798 In Brazil

Divide like area notations **811–817**, e.g., dialects of São Paulo **469.798 6**

.799 In other places

Add area notations **4–9** to **469.799**

[.9] **Galician (Gallegan)**

Class in **469.794**

* Divide as instructed under **430–490**

470 **Italic languages**

Use **470.01–470.09** for standard subdivisions

.1–.9 **Standard subdivisions of Latin**

Class dictionaries of the language in **473**

► **471–476 Description and analysis of standard Latin**

Classical Latin; classical revival (medieval and modern) Latin [*formerly* **479.3**]

Class standard Latin usage in **478**

471 ***Written and spoken codes**

► **472–473 Lexicology**

Scope: synonyms, antonyms, homonyms [*all formerly* **474**]

472 ***Etymology**

473 ***Dictionaries**

[474] **Synonyms, antonyms, homonyms**

Class lexicology in **472–473**, standard usage in **478**

475 **Structural system**

Former heading: Grammar

Morphology and syntax

476 **Prosody**

477 **Old, Postclassical, Vulgar Latin**

478 ***Standard Latin usage (Applied linguistics)**

Classical Latin; classical revival (medieval and modern) Latin [*formerly* **479.3**]; synonyms, antonyms, homonyms [*all formerly* **474**]

* Divide as instructed under **430–490**

479 **Romance and other Italic languages**

For Etruscan, see 499.94

.1 **Romance languages**

Class specific Romance languages in 440–460

[.3] **Classical revival (Medieval and modern) Latin**

Class description and analysis in 471–476, standard usage in 478

.9 **Osco-Umbrian languages**

480 Classical languages [*formerly* 489.1] and modern Greek

Class Latin in 471–478

.01–.09 Standard subdivisions of classical languages

.1–.9 **Standard subdivisions of classical Greek**

Class dictionaries of the language in 483

► **481–486 Description and analysis of standard classical Greek**

Class standard classical Greek usage in 488

481 **Written and spoken codes**

Including abbreviations, acronyms, punctuation, capitalization

For lexicology, see 482–483; *structural system,* 485

.1–.6 ***Notation, phonology, intonation**

.7 **Paleography**

Study of early writings

Including Minoan Linear B

* Divide as instructed under 430–490

► **482–483 Lexicology**

Scope: synonyms, antonyms, homonyms [*all formerly* 484]

482 ***Etymology**

483 ***Dictionaries**

[484] **Synonyms, antonyms, homonyms**

Class lexicology in 482–483, standard usage in 488

485 **Structural system**

Former heading: Grammar

Morphology and syntax

486 **Prosody**

487 **Postclassical Greek**

Hellenistic and Byzantine Greek

Including Biblical Greek

488 ***Standard classical Greek usage (Applied linguistics)**

Synonyms, antonyms, homonyms [*all formerly* 484]

489 **Other Greek languages**

[.1] **Classical languages**

Class in 480

.3 ***Modern Greek**

Katharevusa and Demotic

* Divide as instructed under 430–490

490 Other languages

491 East Indo-European and Celtic languages

Use **491.001–491.009** for standard subdivisions

Class comprehensive works on Indo-European languages [*formerly* **491**] in **411–418**

.01–.09 Standard subdivisions of East Indo-European languages

SUMMARY

491.1	**Indo-Iranian (Aryan) languages**
.2	**Sanskrit**
.3	**Middle Indic languages (Secondary Prakrits)**
.4	**Modern Indic languages (Tertiary Prakrits)**
.5	**Iranian languages**
.6	**Celtic languages**
.7	**East Slavic languages**
.8	**Balto-Slavic languages**
.9	**Baltic and other East Indo-European languages**

.1 Indo-Iranian (Aryan) languages

For Indo-Aryan (Indic) languages, see **491.2–491.4**; *Iranian languages,* **491.5**

► **491.2–491.4 Indo-Aryan (Indic) languages**

.2 *Sanskrit

Vedic (Old Indic) and classical

► **491.3–491.4 Prakrits**

Class nonstandard Sanskrit (Primary Prakrits) in **491.27**

.3 Middle Indic languages (Secondary Prakrits)

.37 Pali

.4 Modern Indic languages (Tertiary Prakrits)

.41 *Sindhi

.42 *Punjabi

* Divide as instructed under **430–490**

491.43 Western Hindi languages

Use **491.430 01 – 491.430 09** for standard subdivisions

.430 1–.430 9 Standard subdivisions of Hindi (High Hindustani)

Class dictionaries of the language in **491.433**

.431–.436 *Description and analysis of standard Hindi (High Hindustani)

Class standard Hindi usage in **491.438**

.437 Variations of Hindustani

Description, analysis, usage

.438 *Standard Hindi usage (Applied linguistics)

.439 *Urdu

.44 *Bengali

.45 Assamese [*formerly* 491.49], Bihari, Oriya

.46 *Marathi

.47 *Gujarati-Rajasthani

.48 *Sinhalese

.49 Other

Dard, Eastern Hindi, Pahari, Romany

Class Assamese [*formerly* **491.49**] in **491.45**

.5 Iranian languages

.51 *Old Persian (West Iranian)

.52 *Avestan (East Iranian)

.53 Pahlavi (Middle Persian)

[.54] Armenian

Class in **491.992**

.55 *Modern Persian

.59 Other modern Iranian languages

Baluchi, Kurdish, Tajiki, Pashto, Ossetic, Pamir dialects

* Divide as instructed under **430–490**

491.6 **Celtic languages**

Including Cornish, Breton, Manx

.62 *Irish Gaelic

.63 *Scottish Gaelic (Erse)

.66 *Welsh

.7 **East Slavic languages**

Use **491.700 1 – 491.700 9** for standard subdivisions

.701–.709 Standard subdivisions of Russian

Class dictionaries of the language in **491.73**

.71–.76 *Description and analysis of standard Russian

Class standard Russian usage in **491.78**

.77 Nonstandard Russian

Description, analysis, usage

.770 1 Old Russian to 1550

.770 2 Middle Russian, 1550–1750

.770 9 Modern nonregional variations

Slang, ephemera, picturesque and exaggerated expressions

.774–.779 Regional variations

Add area notations **4–9** to **491.77**

.78 *Standard Russian usage (Applied linguistics)

.79 Ukrainian and Belorussian

Use **491.790 01 – 491.790 09** for standard subdivisions

.790 1–.790 9 Standard subdivisions of Ukrainian

Class dictionaries of the language in **491.793**

.791–.798 *Principles of Ukrainian

.799 *Belorussian

* Divide as instructed under **430–490**

491.8 **Balto-Slavic languages**

Including Common Slavic

Use **491.800 1 – 491.800 9** for standard subdivisions

For East Slavic languages, see **491.7**; *Baltic languages,* **491.91–491.93**

.801–.809 Standard subdivisions of Slavic languages

► 491.81–491.84 South Slavic languages

.81 Bulgarian and Macedonian

Use **491.810 01 – 491.810 09** for standard subdivisions

.810 1–.810 9 Standard subdivisions of Bulgarian

Class dictionaries of the language in **491.813**

.811–.816 *Description and analysis of standard Bulgarian

Class standard Bulgarian usage in **491.818**

.817 Nonstandard Bulgarian

Description, analysis, usage

.817 01 Old Bulgarian (Church Slavonic)

.818 *Standard Bulgarian usage (Applied linguistics)

.819 *Macedonian

.82 *Serbo-Croatian

Including Croatian [*formerly* **491.83**]

[.83] Croatian

Class in **491.82**

.84 *Slovenian

► 491.85–491.88 West Slavic languages

.85 *Polish

Including Kashubian dialect

* Divide as instructed under **430–490**

491.86 *Czech

For Moravian dialects, see **491.87**

.87 Slovak

Including Moravian dialects

.88 *Wendish

.9 **Baltic and other East Indo-European languages**

► 491.91–491.93 Baltic languages

.91 Old Prussian

.92 *Lithuanian

.93 *Latvian (Lettish)

.99 Other

Including Anatolian, Tocharian, Thraco-Phrygian, Illyrian, Indo-Hittite

.991 *Albanian

.992 *Armenian [*formerly* 491.54]

► **492–493 Afro-Asian languages**

492 **Semitic languages**

.1 **Akkadian (East Semitic) languages**

Including Chaldean (Neo-Babylonian) and Assyro-Babylonian dialects

► **492.2–492.3 Aramaic (North Semitic) languages**

.2 **West Aramaic**

.29 Biblical Aramaic

Including Samaritan [*formerly* **492.5**], Chaldee

.3 ***East Aramaic (Syriac)**

* Divide as instructed under **430–490**

► **492.4–492.6 Canaanitic (West Semitic) languages**

492.4 **Hebraic languages**

Use **492.400 1 – 492.400 9** for standard subdivisions

.401–.409 Standard subdivisions of Hebrew

Class dictionaries of the language in **492.43**

.41–.48 *Principles of Hebrew

.49 *Yiddish

[.5] **Samaritan**

Class in **492.29**

.6 **Canaanite-Phoenician languages**

Including Minoan Linear A

► **492.7–492.9 Arabic-Ethiopic (South Semitic) languages**

.7 ***Arabic (North Arabic)**

.8 **Ethiopic languages**

.9 **South Arabic languages**

493 **Hamitic and other languages**

► **493.1–493.5 Hamitic languages**

.1 ***Old Egyptian**

.2 ***Coptic**

.3 **Berber languages**

.5 **Cushitic (Hamitic Ethiopian) languages**

.7 **Chad family**

Including Kanuri [*formerly* **496.4**]

For Hausa, see **496.91**

* Divide as instructed under **430–490**

► **494–495 Asian and related languages**

For East Indo-European languages, see **491**; *Afro-Asian languages,* **492–493**

494 Ural-Altaic, Paleosiberian, Dravidian languages

► **494.1–494.3 Altaic languages**

.1 Tungusic family

.2 Mongolic family

.3 Turkic family

.35 *Turkish

► **494.4–494.5 Uralic languages**

.4 Samoyedic family

For Ket language, see **494.6**

.5 Finno-Ugric languages

.51 Ugric languages

.511 *Magyar (Hungarian)

► 494.53–494.55 Finnic languages

.53 Permian languages

.54 Western Finnic languages

.541 *Finnish (Suomi)

.545 *Estonian

.55 *Lapp

.6 Paleosiberian languages

Luorawetlin family, Ainu, Gilyak, Ket

.8 Dravidian languages

.81 Dravida group

Including Kota [*formerly* **494.821**], Toda [*formerly* **494.822**], Kurukh (Orâon) [*formerly* **494.826**]

.811 *Tamil

* Divide as instructed under **430–490**

494.812 *Malayalam

[.813] Telugu

Class in **494.827**

.814 *Kanarese (Kannada)

.82 Andhra group

[.821] Kota

Class in **494.81**

[.822] Toda

Class in **494.81**

.823 *Gondi

.824 *Khond (Kandh)

[.826] Kurukh (Orâon)

Class in **494.81**

.827 *Telugu [*formerly* 494.813]

.83 Brahui

495 Languages of East and Southeast Asia

.1 Chinese

Use **495.001–495.009** for standard subdivisions

For Thai-Chinese group, see **495.919**

.101–.109 Standard subdivisions of standard written Chinese (Mandarin)

Class dictionaries of the language in **495.13**

.11–.16 *Description and analysis of standard written Chinese (Mandarin)

Class standard usage of standard written Chinese in **495.18**

.17 Nonstandard Chinese

Description, analysis, usage

Including commercial Chinese

.18 *Standard usage of standard written Chinese (Applied linguistics)

* Divide as instructed under **430–490**

495.4 **Tibeto-Burman languages**

Use 495.400 1 – 495.400 9 for standard subdivisions

.401–.409 Standard subdivisions of Tibetan

Class dictionaries of the language in 495.43

.41–.48 *Principles of Tibetan

.49 Other

Including Himalayan dialects [*formerly* 495.5]

For Burmese, see 495.8

[.5] **Himalayan and Assamese dialects**

Class Himalayan dialects in 495.49, Assamese dialects of Burmese in 495.87

.6 *Japanese

.7 *Korean

.8 *Burmese

.87 Nonstandard Burmese

Description, analysis, usage

Including Assamese dialects of Burmese [*formerly* 495.5]

.9 **Other languages of Southeast Asia**

.91 Thai languages

Use 495.910 01 – 495.910 09 for standard subdivisions

.910 1–.910 9 Standard subdivisions of Thai (Siamese)

Class dictionaries of the language in 495.913

.911–.918 *Principles of Thai (Siamese)

.919 Other Thai languages

Including Thai-Chinese group

► 495.92–495.95 Austroasian languages

.92 Annam-Muong group

.922 *Vietnamese

.93 Mon-Khmer group

.932 *Cambodian

.95 Munda family

* Divide as instructed under 430–490

496 **African languages**

For Afro-Asian languages, see 492–493

.1 **Macro-Khoisan family**

Including Bushman languages [*formerly* 496.2], Hottentot languages

[.2] **Bushman languages**

Class in 496.1

.3 **Niger-Congo family**

Including Ewe and Mende [*both formerly* 496.4], Bantu languages

Class Swahili [*formerly* 496.3] in 496.92

[.4] **Negro dialects**

Class Ewe and Mende in 496.3; Kanuri in 493.7

.5 **Chari-Nile (Macrosudanic) family**

.9 **Commercial languages**

.91 *Hausa

.92 *Swahili [*formerly* 496.3]

497 **North American Indian languages**

.1 **Eskimo-Aleut group**

.2 **Na-Dene group**

.3 **Algonkian-Mosan group**

.4 **Macro-Penutian group**

.5 **Hokan-Siouan group**

.6 **Macro-Otomanguean group**

.7 **Tarascan family**

.8 **Miskito-Matagalpan group**

.9 **Other languages**

498 **South American Indian languages**

* Divide as instructed under 430–490

499 **Austronesian and other languages**

.1 **Nonaustronesian languages of Oceania**

.11 Negrito languages

.12 Papuan languages

.15 Australian languages [*formerly* 499.6]

► **499.2–499.5 Austronesian (Malayo-Polynesian) languages**

For Austroasian languages, see **495.92–495.95**

.2 **Malayan languages**

.21 Tagalog family

.211 *Tagalog (Filipino)

.22 Malay-Javanese languages

.221 *Indonesian (Bahasa Indonesia)

.222 *Javanese

Including Balinese, Madureso, Sundanese dialects

.4 **Polynesian languages**

.5 **Melanesian and Micronesian languages**

[.6] **Australian languages**

Class in **499.15**

.9 **Other languages**

.92 Basque

.93 Elamitic

.94 Etruscan

.95 Sumerian

.96 Caucasian languages

.99 Artificial languages [*formerly* 408.9]

.992 *Esperanto

.993 *Interlingua

* Divide as instructed under **430–490**

500

500 Pure sciences

.1 **Natural sciences**

.2 **Physical sciences**

.9 **Natural history**

501 **Philosophy and theory**

502 **Miscellany**

503 **Dictionaries, encyclopedias, concordances**

504

505 **Serial publications**

506 **Organizations**

507 **Study and teaching**

508 **Collections, anthologies, travels, surveys**

.1 **Collections and anthologies**

.3 **Travels and surveys**

For geographical treatment of travels and surveys, see **508.4–508.9**

.4–.9 **Geographical treatment of travels and surveys**

Add area notations **4–9** to **508**

509 **Historical and geographical treatment**

510 Mathematics

The editors anticipate the preparation at a future date of a completely revised schedule **510**, which will develop mathematics according to modern concepts. The schedule that follows, while conforming to the style of the present edition, makes no substantive modifications from the provisions of Edition 16. For the present, class in **510** without subdivision all branches of mathematics not clearly belonging in subordinate numbers

Use **510.01–510.09** for standard subdivisions

.78 Computation instruments and machines

Mathematical principles of mechanical, electromechanical, electronic calculating devices

.782 Analog instruments

.782 3 Slide rules and planimeters

.782 4 Differential analyzers

.783 Digital machines

.783 2 Adding and calculating machines

.783 4 Computers

511 Arithmetic

.021 2 Formulas and specifications

Class tables in **511.9**

.024 Works for specific types of users

Class business arithmetic in **511.8**

.076 Review and exercise

Class problems in **511.9**

► **511.1–511.7 Specific elements**

.1 Numeration systems

Including decimal, duodecimal, binary

.2 Fundamental operations

Use **511.200 1 – 511.200 9** for standard subdivisions

.201 8 Short cuts and rapid calculations

511.207 6 Algorisms

.207 8 Abacus

.22 Addition and subtraction

.23 Multiplication and division

.3 Prime numbers and factoring

.4 Fractions and decimal fractions

.6 Ratio and proportion

.7 Involution and evolution

.8 Business arithmetic

Including mensuration, mercantile rules, calculation of interest

.9 Problems and tables

512 Algebra

.021 2 Formulas and specifications

Class tables in **512.9**

.076 Review and exercise

Class problems in **512.9**

► **512.1–512.7 Specific elements**

.1 Postulates

.2 Equations and imaginary quantities

.21 Equations

Linear, quadratic, simultaneous, binomial, polynomial

For indeterminate equations, see **512.23**; *reciprocal equations,* **512.26**

.22 Approximate computations

.23 Indeterminate (Diophantine) equations

.24 Imaginary quantities

.26 Reciprocal equations

.5 Combinations, permutations, distribution

.6 Simple arithmetic and geometric progressions

.7 Exponents and logarithms

512.8 **Abstract algebra**

Including theory of games

.81 Theory of numbers

.812 Divisibility

Including theory of measure, factorization, linear congruences

.813 Higher congruences, forms, residues, partitions

Including Fermat's theorem

.814 Theory of primes

.815 Algebraic fields

.816 Complex multiplication

.817 Transfinite numbers

.82 Theory of equations

.83 Determinants

Ordinary, symmetrical, numerical, infinite, polydimensional

.84 Symmetrical functions of roots

.85 Elimination discriminants

.86 Theory of groups

Abstract, substitution, linear, continuous, Abelian

Including transformations, substitutions

.865 Lattice theory

.87 Theory of forms (Quantics)

Including modular theory

.88 Invariant theory

Binary, ternary, n-ary, orthogonal invariants

.89 Universal algebra

.893 Quaternion algebra

.894 Space analysis (Ausdehnungslehre)

.895 Vector algebra

512.896 Matrices and tensor algebra

.897 Linear algebras

.9 **Problems and tables**

► 513–516 Geometries

513 Synthetic geometry

For trigonometry, see **514**; *descriptive geometry,* **515**

.076 Review and exercise

Class problems in **513.9**

► 513.1–513.3 Elementary (Euclidean)

.1 **Plane**

.3 **Solid**

.5 **Modern (Post-Euclidean)**

Plane and solid

.6 **Denumerative**

Determination of the number of specific configurations fulfilling a sufficient number of conditions

.8 **Non-Euclidean**

.81 Absolute geometry of one, two, three dimensions

.82 Geometries of n dimensions

.83 Geometric topology (Analysis situs)

.84 Geometries of Lobachevski, Bolyai, Gauss

.85 Geometry of Riemann

.9 **Problems**

.92 Famous problems

Including circle squaring, trisection of angles, duplication of cubes

.94 Porisms

514 **Trigonometry**

.076 Review and exercise

Class problems in 514.9

.5 **Plane**

.6 **Spherical**

.9 **Problems**

515 **Descriptive geometry**

.1 **Orthogonal projection on two planes**

.2 **Isometric and other one-plane projections**

.3 **Oblique projections**

.4 **Conical projections**

.5 **Spherical projections**

.6 **Perspective**

.7 **Shades and shadows**

516 **Analytic (Coordinate) geometry**

.076 Review and exercise

Class problems in 516.9

► **516.1–516.4 Elementary (Cartesian) geometry**

.1 **Straight lines and coordinate axes**

.2 **Curves in Cartesian form**

Conics and higher plane curves

.3 **Planes and lines in space with Cartesian forms**

.4 **Surfaces in Cartesian form**

Spheres, quadrics, ellipsoids, hyperboloids, paraboloids, higher surfaces

.5 **Modern algebraic geometry**

Including systems of coordinates, abridged and symbolic notations, conics, quadrics, higher planes and surfaces, space curves

.55 Geometric transformations

Scope: reciprocation, inversions, correlation methods

Including quadratic, Cremona, birational, isogonal transformations

516.56 Harmonic and anharmonic properties

.57 Projective geometry

Spatial relations, ideas, properties unaltered by projective transformations

.6 **Line geometry**

Including systems of curves, surfaces, rays

.66 Modular geometry

.7 **Differential (Infinitesimal) geometry**

.74 Projective

.8 **Kinematic geometry**

Calculus of direction and position

.82 Quaternions

.83 Vector and tensor analysis

.9 **Problems**

517 **Calculus**

.076 Review and exercise

Class problems in 517.9

► **517.2–517.3 Kinds**

.2 **Differential**

.207 6 Review and exercise

Class problems in 517.29

.21 Series

Indicated sum of the terms of a sequence

.22 Indeterminate forms

.27 Variation of function values

.28 Differential forms and invariants

.29 Problems

517.3 **Integral**

.302 12 Formulas and specifications

Class tables in 517.39

.307 6 Review and exercise

Class problems in 517.39

.31 Methods of integration

.32 Definite integrals

Including gamma functions, Euler functions

.33 Rectifications

.34 Multiple integrals

.35 Orthogonal expansions

.352 Spherical harmonics

Including Legendre's functions, Laplace's functions

.353 Cylindrical harmonics

Including Bessel's functions

.354 Ellipsoidal harmonics

Including Lamé's functions

.355 Fourier series

.36 Elliptic and hyperelliptic functions

.37 Integral equations

Including integral differential equations

.38 Differential equations

For integral differential equations, see 517.37

.382 Ordinary

Linear and nonlinear

.383 Partial

First and higher orders

.39 Problems and tables

► **517.4–517.8 Branches**

For calculus of direction and position, see 516.8

517.4 **Calculus of variations**

.5 **Calculus of functions (Functional analysis)**

For a specific function, see the subject, e.g., gamma functions 517.32

.52 Functions of real variables

.521 Theory of point sets

.6 **Numerical analysis and finite differences**

.7 **Calculus of operations**

.8 **Functions of complex variables**

For elliptic and hyperelliptic functions, see 517.36

.81 Riemann surfaces

.83 Algebraic functions

.85 Automorphic and polyhedral functions

.88 Hypergeometric functions

.9 **Problems**

518

519 **Probabilities and statistical calculations**

.1 **Probabilities**

Including mathematical expectation, prediction

► **519.6–519.9 Statistical calculations**

.6 **Theory of errors**

.7 **Information theory**

.8 **Treatment of data**

Including application of methods of least squares, theory of closest approximation

.9 **Other**

.92 Linear and dynamic programing

.93 Theory of sampling and quality control

520 Astronomy and allied sciences

Use 520.01–520.09 for standard subdivisions

► 520.1–520.9 Standard subdivisions of astronomy

.1 **Philosophy and theory**

Class natural astrology, ancient and medieval astronomy [*all formerly* 520.1] in 520.9

.2–.8 **Miscellany, dictionaries, serial publications, organizations, study and teaching, collections**

Class techniques, apparatus, equipment in 522.1–522.6

.9 **Historical and geographical treatment**

Including natural astrology, ancient and medieval astronomy [*all formerly* 520.1]

521 Theoretical astronomy and celestial mechanics

► 521.1–521.4 General principles

Class application to specific celestial bodies in 521.5–521.7

.1 **Celestial dynamics**

.11 Laws of planetary equilibrium and motion

.12 Law of universal gravitation and motion

.13 Problems of three and *n* bodies

.16 Equilibrium of rotating fluid masses

.3 **Kepler's laws and their application**

Determination, calculation, correction of orbits

.4 **Perturbations**

.5 **Theory of planets**

.6 **Theory of satellites**

Class satellites [*formerly* 521.6] in 523.98

.62 Theory of moon (Lunar theory)

.63–.68 Theories of other specific satellites

Divide like 523.43–523.48, e.g., of satellites of Mars 521.63

521.7 **Theory of comets**

.8 **Theory of eclipses, transits, occultations**

.9 **Precession and nutation**

For corrections of precession, see 522.95; *of nutation,* 522.96

522 Practical and spherical astronomy

SUMMARY

522.1	Observatories
.2	Telescopes and accessories
.3	Meridional instruments
.4	Extrameridional instruments
.5	Auxiliary instruments
.6	Special techniques
.7	Spherical astronomy
.9	Corrections

► 522.1–522.6 Practical astronomy

Methods and techniques of observing and measuring celestial bodies

Scope: apparatus and equipment [*formerly* 520.78], practical computations

Class applications to specific celestial bodies in 523

For corrections, see 522.9

.1 **Observatories**

.109 Historical and geographical treatment

Class specific observatories in 522.19

.19 Specific observatories

Add area notations 3–9 to 522.19

► 522.2–522.5 Instruments

.2 **Telescopes and accessories**

For zenith telescopes, see 522.43; *equatorial telescopes,* 522.46

.21 Reflecting telescopes

.22 Refracting telescopes

.23 Eyepiece and accessories

.24 Object glass and accessories

522.25 Altazimuth mountings
.26 Equatorial mountings
.27 Transit mountings
.29 Famous telescopes
Add area notations 1–9 to 522.29

.3 Meridional instruments
For transit mountings, see 522.27; *zenith telescopes,* 522.43

.4 Extrameridional instruments
.41 Sextants, quadrants, reflecting circles, astrolabes
.43 Zenith telescopes
.46 Equatorial telescopes

.5 Auxiliary instruments
.51 Sidereal clocks and chronometers
.52 Chronographs
.53 Micrometers
.54 Personal equation machines
.56 Instruments for solar observation
For heliostats, see 522.58
.562 Spectroheliographs and photoheliographs
.563 Coronagraphs
.58 Heliostats

.6 Special techniques
.62 Photometry
.622 Photographic photometry
.623 Photoelectric photometry
.63 Photography
For photographic photometry, see 522.622
.65 Polarimetry
.67 Spectroscopy

522.7 Spherical astronomy
Class application to geodesy in 526.6
.71 Celestial sphere and coordinates
.75 Interpolation
.76 Meridian lines and variations of compass
.78 Use of globes, planispheres, astronomical models

.9 Corrections
.91 Of parallax
.92 Of astronomical refraction
.94 Of aberration
.95 Of precession
.96 Of nutation
.97 Of personal equation
.98 Of instrumental errors

523 Descriptive astronomy
Use 523.001–523.009 for standard subdivisions

.01 Physical and chemical aspects
For spectroscopy, see 522.67
.013 Astrophysics
.016 Radio astronomy
.017 Radar astronomy

SUMMARY

523.1 Physical universe (Cosmology)
.2 Solar system
.3 Moon
.4 Planets
.5 Meteors and zodiacal light
.6 Comets
.7 Sun
.8 Stars
.9 Transits, satellites, occultations

.1 Physical universe (Cosmology)
.11 Structure
.111 Space

523.112 Extragalactic systems

.113 Galactic system (Milky Way)

.113 5 Interstellar material and galactic nebulas

.12 Origin and development (Cosmogony)

Glacial cosmogony [*formerly* **523.14**], nebular and meteoritic hypotheses

.13 Astrobiology

Former heading: Plurality of worlds

[.14] Glacial cosmogony

Class in **523.12**

.18 Expanding universe

Theories of Einstein, de Sitter, Eddington, Lemaître

.19 Destruction of universe

.2 Solar system

[.207 4] Planetariums

Do not use; class in **523.28**

.24 Motion in space

.28 Planetariums (Orreries)

.29 Zodiac

.3 Moon

[.302 1] Tabulated and related materials

Do not use; class in **523.39**

[.302 2] Illustrations

Do not use; class in **523.39**

.31 Constants and dimensions

Size, mass, distance, parallax

.32 Phases, brightness, radiation

.33 Orbit and motions

Sidereal month, perigee and apogee, librations

523.34 Selenography

Use **523.340 01 – 523.340 09** for standard subdivisions

.340 2 Earth side of moon

.340 3 Far side of moon

.35 Theories of atmosphere

.37 Spectroscopy

.38 Eclipses

.39 Charts, photographs, tables

.4 Planets

Distance, motions, orbits, physical condition, spectroscopy

For earth, see **525**

[.402 1] Tabulated and related materials

Do not use; class in **523.49**

[.402 2] Illustrations

Do not use; class in **523.49**

.41 Mercury and intramercurial planets

.42 Venus

.43 Mars

.44 Minor planets (Asteroids, planetoids)

.45 Jupiter

.46 Saturn

.47 Uranus

.48 Transuranian planets

.481 Neptune

.482 Pluto

.49 Charts, photographs, tables

.5 Meteors and zodiacal light

.51 Meteorites

.53 Meteoric showers and radiant points

.57 Spectroscopy

.59 Zodiacal light and counterglow

523.6 Comets

[.602 1] Tabulated and related materials
Do not use; class in **523.69**

[.602 2] Illustrations
Do not use; class in **523.69**

.63 Orbits

.64 Famous comets
Class a specific aspect with the subject

.66 Physical constitution

.67 Spectroscopy

.69 Charts, photographs, tables

.7 Sun

[.702 1] Tabulated and related materials
Do not use; class in **525.38**

[.702 2] Illustrations
Do not use; class in **523.79**

.71 Constants and dimensions
Size, mass, distance, parallax

.72 Heat, light, radiation

.73 Apparent motion and rotation

.74 Sunspots and faculae

.75 Prominences, chromosphere, corona

.76 Internal constitution

.77 Spectroscopy

.78 Eclipses

.79 Charts and photographs

523.8 Stars
For Milky Way, see **523.113**; *sun,* **523.7**

[.802 1] Tabulated and related materials
Do not use; class in **523.89**

[.802 2] Illustrations
Do not use; class in **523.89**

.81 Constants and dimensions
Size, mass, distance, parallax

.82 Heat, light, radiation

.822 Magnitudes

.83 Proper motion and radial velocity

► 523.84–523.85 Systems and aggregations
Class a specific aspect with the subject

.84 Double, multiple, variable stars

.841 Visual binaries

.842 Spectroscopic binaries

.843 Astrometric binaries

.844 Variable stars

.844 2 Intrinsic variables

.844 25 Cepheids and cluster-type variables

.844 26 Long-period variables

.844 4 Eclipsing variables

.844 6 Novae and supernovae

.85 Clusters

.852 Open and moving clusters

.855 Globular clusters

.86 Physical constitution

.87 Spectroscopy

.89 Charts, photographs, tables

.890 3 Observers' atlases of constellations

.890 8 Star catalogs

523.9 Transits, satellites, occultations

.91 Transits of Mercury

► 523.92–523.97 Transits of Venus

.92 Methods of observation and recording

Delisle's, Halley's, photographic methods

.96 Transits of 1761, 1769, 1874

.97 Transit of 1882

.98 Satellites [*formerly* 521.6]

For moon, see **523.3**

.983–.988 Of specific planets

Divide like **523.43–523.48**, e.g., satellites of Mars **523.983**

.99 Occultations

524

525 Earth (Astronomical geography)

.1 Constants and dimensions

Size, shape, mass, position, parallax

For determination of size and shape, see **526.1**

.2 Heat, light, radiation

For internal heat of earth, see **551.12**

.3 Orbit and motions

.35 Rotation

.36 Foucault's pendulum

.38 Tables of the sun

.5 Seasons

525.6 Tides

[.602 1] Tabulated and related materials

Do not use; class in **525.69**

.69 Tide tables

.7 Astronomical twilight and twilight tables

526 Mathematical geography

► 526.1–526.7 Geodesy

.1 Determination of size and shape

.3 Geodetic surveying

Surveys in which curvature of the earth is considered in measurement and computation

.31 Reconnaissance (Preliminary surveys)

.32 Bench marks

Add area notations **1–9** to **526.32**

.33 Triangulation, traversing, trilateration

► 526.36–526.38 Leveling

For bench marks, see **526.32**

.36 Spirit leveling

Differential and precise spirit leveling

.37 Barometric leveling

.38 Trigonometric leveling (Geodetic refraction)

526.6 **Geodetic and positional astronomy**

Application of spherical astronomy to geodesy

► 526.61–526.63 Coordinates

Theory, computation, determination of geodetic (geographic, topographic) coordinates

.61 Latitude

.62 Longitude

.63 Azimuth

.64 Geographic position

Including effect of irregularities of earth's surface on determination of position

.7 **Gravity determinations (Physical geodesy)**

.8 **Map projections**

Networks of parallel lines and meridians for map drawing

.82 Conformal (Orthomorphic) projections

.85 Equal-area (Equivalent) projections

[.88] Map scales and symbols

Class in **912.014 8**

[.89] Printing maps

Class in **655.383**

.9 **Surveying**

Class engineering surveys in **622–628**

For geodetic surveying, see **526.3**

► 526.92–526.99 Plane surveying

Surveys in which curvature of the earth is disregarded in measurement and computation

.92 Boundary surveying (Land surveys)

.98 Topographic surveying

.981 Contour surveying

526.982 Photogrammetry

.982 3 Aerial surveying

.982 5 Ground (Terrestrial) surveying

.99 Hydrographic surveying

For snow surveys, see **551.579**

527 **Celestial navigation**

Determination of geographic position and direction from observation of celestial bodies

Class practical navigation with the subject

For finding time, see **529.7**

.1 **Latitude**

.2 **Longitude**

.3 **Fixes**

Summer's and line-of-position methods

.5 **Direction and course**

.53 Rhumb line course

.55 Great circle course

528 **Ephemerides (Nautical almanacs)**

Class tables of specific celestial bodies in **523**

.1–.8 **In specific countries**

Divide like **061–068**, e.g., English ephemerides **528.2**

.9 **Ephemeris making**

529 Chronology

.1 Sidereal and solar day

Apparent and mean time, equation of time, causes of inequality

.2 Intervals of time

Kinds of years, months, weeks, days

.3 Calendars

For Christian calendars, see 529.4; *calendar reforms,* 529.5

.32 Ancient and non-Christian calendars

Divide like 292–299, e.g., Jewish calendar 529.326

.4 Christian calendars

.42 Julian

.43 Gregorian

.44 Church

Determination of movable feast and fast days

.5 Calendar reforms

.7 Horology

Finding and measuring time

For extrameridional instruments, see 522.4

.75 Time systems and standards

Universal, standard, daylight-saving time, conversion tables

.78 Instruments for measuring time

Dials, hourglasses, clocks, watches

For sidereal clocks and chronometers, see 522.51

530 Physics

.01 Philosophy and logic [*formerly* 530.101]

Class theories in 530.1

.02–.09 Other standard subdivisions

.1 Theories

[.101] Philosophy and logic

Class in 530.01

.11 Relativity theory

.12 Quantum theory

Class classical mechanics in 531–533

.122 Matrix mechanics

.123 Quantum mechanics

.124 Wave mechanics

.13 Statistical and kinetic theories

Class classical mechanics in 531–533

.132 Statistical mechanics

.133 Quantum statistics

.14 Field theories

.142 Unified field theory

.143 Quantum field theory

.144 Problem of many bodies

.15 Mathematical physics

Including dimensional analysis [*formerly* 530.8]

Divide like 510, e.g., analysis 530.157

.16 Measurement theory [*formerly* 530.8]

.4 States of matter

Class plasma in 537.16

.41 Solids (Solid-state physics)

.42 Liquids

.43 Gases

530.7 **Instrumentation**

For measurement, control, recording

.8 **Physical units, dimensions, constants**

Class measurement theory in **530.16**, dimensional analysis in **530.15** [*both formerly* **530.8**]

► 531–538 Classical physics

531 Mechanics

For mechanics of fluids, see **532**

.01 Philosophy and theory

.015 17 Analytical mechanics [*formerly* 531.017]

[.017] Analytical mechanics

Class in **531.015 17**

.02–.09 Other standard subdivisions

Class tables, review, exercise in **531.9**

SUMMARY

531.1 Kinematics and particle mechanics

.2–.5 Solids

.2 Statics
.3 Dynamics
.4 Friction
.5 Mass, gravity, ballistics
.6 Energetics
.7 Transport phenomena in solids
.8 Simple machines
.9 Tables, review, exercise

.1 **Kinematics and particle mechanics**

.11 Kinematics (Geometry of motion)

Linear and relative motion, centripetal acceleration, vector quantities, radial and transverse acceleration in a plane

.16 Particle mechanics

.162 Statics [*formerly* 531.26]

.163 Dynamics [*formerly* 531.36]

► 531.2–531.5 Solids (Rigid bodies)

For transport phenomena in solids, see **531.7**

531.2 Statics

Static, translational, rotational equilibrium

.23 Moments of inertia

.25 Graphic statics

Representation of magnitude, direction, position of forces by straight lines and determination of unknown quantities by mechanical measurement

[.26] Statics of a particle

Class in **531.162**

.3 Dynamics

Forces and their effect on the motion of rigid bodies

Including Newton's laws of motion

For friction, see **531.4**; *mass, gravity, ballistics,* **531.5**

.31 Trajectories

.32 Oscillations

.33 Wave motions

.34 Gyrodynamics

.35 Centrifugal and centripetal forces

[.36] Dynamics of a particle

Class in **531.163**

.38 Elasticity and deformation

.381 Elastic constants and their measurement

Young's modulus, Poisson's ratio, bulk modulus, shear modulus (modulus of rigidity)

.382 Stresses and types of deformation

.382 2 Stresses

Tensile, compressive, shearing stresses

531.382 3 Temporary deformation (Elasticity)
Including elastic limit, coefficient of restitution

.382 5 Permanent deformation (Plasticity)
Including yield point

.383 Vibrations

.4 Friction

.5 Mass, gravity, ballistics

.52 Laws of falling bodies

.54 Density and specific gravity

.55 Projectiles

.552 In air

.555 In space

.555 2 Escape velocity (Parabolic velocity)

.555 4 Orbital velocity

.555 8 Re-entry problems

.6 Energetics

For simple machines, see 531.8

.62 Law of conservation of energy

.64 Forms of mechanical energy

.642 Potential

.643 Kinetic

.68 Transformation

Change of mechanical energy to other forms of energy

Class transformation to a specific form of energy with the subject

.7 Transport phenomena in solids

.8 Simple machines

Lever, wheel and axle, cord and pulley, geared wheel, inclined plane, wedge, screw

.9 Tables, review, exercise

532 Mechanics of fluids

For mechanics of gases, see 533

.001–.009 Standard subdivisions

Class tables, review, exercise in 532.9

.02 Statics

Static, translational, rotational equilibrium

Including moments of inertia, transmission of pressure

.05 Dynamics

Forces and their effects on the motion of fluids

.1 Mechanics of liquids (Hydromechanics)

For specific aspects of hydromechanics, see 532.2–532.7

► **532.2–532.7 Specific aspects of hydromechanics**

.2 Hydrostatics

Static, translational, rotational equilibrium

Including buoyancy [*formerly* 532.3], moments of inertia, transmission of pressure

For surface phenomena, see 532.6

[.3] Buoyancy

Class in 532.2

.4 Mass, density, specific gravity

.5 Hydrodynamics

Forces and their effect on the motion of liquids

For transport phenomena, see 532.7

.51 General principles of flow

Class general principles applied to flow variations in 532.52–532.56

.511 Kinetic theory

.515 Laminar flow

.516 Transition flow

.517 Turbulent flow [*formerly* 532.56]

► 532.52–532.56 Flow variations

532.52 Thru orifices and nozzles
.53 Over weirs and spillways
.54 Thru pipes and open channels
.55 Thru bends and irregular enclosures
.56 When pressure is variable
Including flow over and around submerged bodies
Class turbulent flow [*formerly* **532.56**] in **532.517**

.57 Velocity and its measurements
.58 Viscosity
Measurements, effects on flow

.59 Other types of motion
.593 Wave motions
.595 Vortex motions and cavitation

.6 Surface phenomena
Surface tension, capillarity, thin films, bubbles

.7 Transport phenomena
Diffusivity, permeability, osmosis

.8 Special developments

.9 Tables, review, exercise

533 Mechanics of gases

.01–.09 Standard subdivisions
Class tables, review, exercise in **533.9**

► **533.1–533.5 Gases in general**

For aeromechanics, see **533.6**; *other aspects of gases in general,* **533.7–533.9**

533.1 Statics and other phenomena
For dynamics, see **533.2**; *vacuum and vacuum production,* **533.5**

.12 Statics
Static, translational, rotational equilibrium
Including moments of inertia, transmission of pressure

.13 Transport phenomena
Diffusivity, permeability, osmosis
Class viscosity [*formerly* **533.13**] in **533.28**

.14 Absorption and adsorption
.15 Mass, density, specific gravity

.2 Dynamics
Forces and their effect on the motion of gases
For transport phenomena, see **533.13**

.21 Types of flow
Divide like **532.515–532.517**, e.g., turbulent flow **533.217**

.27 Velocity
.273 Subsonic
.274 Transonic
.275 Supersonic
.276 Hypersonic

.28 Elasticity and compressibility
Including viscosity [*formerly* **533.13**]

.29 Other types of motion
Divide like **532.59**, e.g., cavitation **533.295**

.5 Vacuum and vacuum production
.52 Rarefaction of gases
.54 High-vacuum production

533 6 **Aeromechanics**

For vacuum and vacuum production, see 533.5

61 Aerostatics

Static, translational, rotational equilibrium

.62 Aerodynamics

Forces and their effect on the motion of air

Divide like 533.2, e.g., cavitation 533.629 5

For transport phenomena, see 533.63

.63 Transport phenomena

Diffusivity, permeability, osmosis

► 533.7–533.9 **Other aspects of gases in general**

.7 **Kinetic theory of gases**

.8 **Special developments**

.9 **Tables, review, exercise**

534 Sound and related vibrations

.01–.09 Standard subdivisions

Class tables, review, exercise in 534.9

SUMMARY

534.1–.4 Sound waves

.1 Generation thru vibration
.2 Propagation (Transmission)
.3 Characteristics
.4 Measurements, analysis, synthesis
.5 Related vibrations
.8 Special developments
.9 Tables, review, exercise

► 534.1–534.4 Sound waves

.1 **Generation thru vibration**

.12 Of strings and wires

.13 Of rods, plates, bells

.14 Of air columns in pipes

Including resonance

534.15 Of membranes

[.16] Subsonic vibrations

Class in 534.52

.2 **Propagation (Transmission)**

Use 534.200 1 – 534.200 9 for standard subdivisions

Class interference [*formerly* 534.2] in 534.47

.202 Velocity

.203 Directionality

.204 Reflection (Echoes)

.205 Refraction

.206 Diffraction

.207 Polarization

.208 Absorption (Damping)

► 534.22–534.24 Transmission in specific mediums

.22 In solids

.23 In liquids

.24 In gases

.3 **Characteristics**

.32 Frequency and pitch

Including Doppler effect

.33 Intensity and loudness

.34 Amplitude and timbre

.35 Irregular and discordant frequencies

.352 Dissonance

.355 Noise

.4 **Measurements, analysis, synthesis**

.42 Measurement techniques

► 534.44–534.45 Analysis

For graphic and optical representations, see **534.46**

534.44 Qualitative

.45 Quantitative

.46 Graphic and optical representations [*formerly* 534.6]

.47 Synthesis

Compounding sound waves

Including superposition principles [*formerly* **534.59**], interference [*formerly* **534.2**], beats

For graphic and optical representations, see **534.46**

.5 Related vibrations

Generation, transmission, characteristics, measurements, analysis, synthesis

.52 Subsonic vibrations [*formerly* 534.16]

.55 Ultrasonic vibrations

[.59] Superposition principles

Class in **534.47**

[.6] Graphic and optical representations

Class in **534.46**

.8 Special developments

.9 Tables, review, exercise

535 Visible light and paraphotic phenomena

Former heading: Optics

.01 Spectral regions

Class theories in **535.1**, spectroscopy in **535.84**

.012 Infrared

For heat radiation, see **536.33**

535.013 Visible

Class specific elements in **535.2–535.6**

.014 Ultraviolet

.02–.09 Standard subdivisions

Class tables, review, exercise in **535.9**

SUMMARY

535.1 Theories
.2 Physical optics
.3 Transmission, absorption, emission
.4 Dispersion, interference, diffraction
.5 Beams and their modification
.6 Color
.8 Special developments
.9 Tables, review, exercise

.1 Theories

.12 Corpuscular (Emission) theory

.13 Mechanical wave theory

.14 Electromagnetic theory

.15 Quantum theory

► **535.2–535.6 Specific elements of visible light**

For visual spectroscopy, see **535.843**

.2 Physical optics

For special aspects of physical optics, see **535.4–535.5**

.22 Intensity

.24 Velocity

.3 Transmission, absorption, emission

.32 Geometrical optics

For optical instruments, see **535.33**; *color,* **535.6**

.322 Rectilinear propagation

.323 Reflection

.324 Refraction

.326 Absorption

535.33 Optical instruments

Principles and design

.35 Luminescence, fluorescence, phosphorescence

► **535.4–535.5 Special aspects of physical optics**

.4 Dispersion, interference, diffraction

For color, see 535.6

.5 Beams and their modification

.52 Polarization

.523 Plane

.524 Rotary

.58 Amplification

Including amplification by stimulated emission of radiation (lasers)

.6 Color

.8 Special developments

.84 Spectroscopy (Emission and absorption spectroscopy)

Techniques for studying light emitted by physical objects by means of the spectroscope and methods of measuring intensity and frequency of spectrum lines

.842 Infrared

.843 Visible (Chromatic)

.844 Ultraviolet

.845 Vacuum ultraviolet

.846 Raman

.9 Tables, review, exercise

536 Heat

.01 Philosophy and theory

Class theories in 536.1

.02–.09 Other standard subdivisions

Class tables, review, exercise in 536.9

SUMMARY

536.1 Theories
.2 Transmission (Heat transfer)
.3 Radiation and effects of matter on heat
.4 Effects of heat on matter
.5 Temperature
.6 Calorimetry
.7 Thermodynamics
.8 Special developments
.9 Tables, review, exercise

536.1 Theories

.2 Transmission (Heat transfer)

Use 536.200 1 – 536.200 9 for standard subdivisions

For radiation, see 536.33

.201 Material properties

For specific heats, see 536.63–536.65

.201 2 Conductivity

.201 4 Diffusivity

.23 In solids (Conduction)

.25 In fluids (Convection)

.3 Radiation and effects of matter on heat

.31 Reflection

.32 Refraction

.33 Radiation

.34 Absorption

.4 Effects of heat on matter

Use 536.400 1 – 536.400 9 for standard subdivisions

.401 Change of state (Phase changes)

Including triple points

Class specific transformations in 536.42–536.44

.41 Expansion and contraction

Pressure-volume-temperature relationships, coefficients of expansion

.412 Of gases

For liquefaction of gases, see 536.56

536.413 Of liquids

.414 Of solids

► 536.42–536.44 Specific transformations

.42 Fusion and solidification

Solid-to-liquid and liquid-to-solid transformations

Including freezing and melting points, latent heats of fusion

.44 Vaporization and condensation

.443 Liquid-to-gas and gas-to-liquid transformations

Critical points, heats of vaporization, dew points, boiling points

.445 Solid-to-gas and gas-to-solid transformations

Sublimation

.45 Incandescence

.5 Temperature

► 536.51–536.53 Measurement

.51 Liquid-in-glass thermometry

.52 Pyrometry

Pyrometers and thermocouples for temperatures over 500° C

.53 Electrical resistance thermometry

.56 Cryogenics

Production of temperatures below 91° K

Including liquefaction of gases, absolute temperature, properties of matter at extremely low temperatures

Class a specific property with the subject

.57 High temperatures

Production of temperatures over 3000° K

Including plasma temperatures

536.6 Calorimetry

Measurement of heat quantities and thermal capacity

Class heats of transformation in **536.42–536.44**

.62 Calorimeters

► 536.63–536.65 Specific heats

.63 Of solids and liquids

.65 Of gases and vapors

.7 Thermodynamics

Mathematical and physical relations between mechanical work and heat energy

Including transformation of heat into mechanical energy, of mechanical energy into heat

For calorimetry, see **536.6**

.701 Philosophy and theory

Class theories in **537.71**

.71 Theories

Three laws of thermodynamics, Joule's law, Maxwell's four thermodynamic formulas, Carnot cycle

.73 Entropy

Measurement of unavailable energy in thermodynamic systems

.8 Special developments

.9 Tables, review, exercise

537 Electricity and electronics

For magnetism, see **538**

.01 Philosophy and theory

Class theories in **537.1**

.02–.09 Other standard subdivisions

Class tables, review, exercise in **537.9**

SUMMARY

537.1	Theories
.2	Electrostatics
.5	Electronics
.6	Electric currents
.8	Special developments
.9	Tables, review, exercise

537.1 Theories

► 537.11–537.12 Electromagnetic theory

.11 Maxwell's equations

.12 Electromagnetic fields and waves

.122 Field intensity and equations

.123 Microwave circuit theory

.125 Wave guides

.14 Corpuscular theory

.16 Plasma and plasma dynamics

.2 Electrostatics

.21 Charge and potentials

Including triboelectricity

.23 Generators

.24 Dielectrics

.242 Capacitors (Condensers)

.243 Dipole moments

.244 Pyroelectricity and piezoelectricity

.245 Electrocapillarity

.246 Electrostriction

.5 Electronics

For semiconductors, see **537.622**

.52 Disruptive discharge

Luminous discharge produced by the disruptive passage of high-voltage electricity thru gases or vapors at atmospheric pressure

Including electric arc

For ionization of gases, see **537.532**

537.53 Discharge thru rarefied-gas and high-vacuum tubes

.532 Ionization of gases

Including electron ballistics

.533 Thermionic emission

.534 Radio- and microwaves

Spectroscopy, circuitry, specific tubes, wave guides

Class wave guide theories in **537.125**

.534 2 Long waves

Frequency ranges between 10^0 and 10^6 cycles per second

.534 3 Short waves

Frequency ranges between 10^7 and 10^8 cycles per second

.534 4 Microwaves (Ultra-high-frequency waves)

Frequency ranges between 10^9 and 10^{12} cycles per second

Including amplification by stimulated emission of radiation (masers)

.535 X and gamma rays

Frequencies over 10^{17} cycles per second

.535 2 Spectroscopy

Class a specific application with the subject

.535 3 Circuitry

.535 5 Specific tubes

.54 Photoelectric effects

Photoemissivity, photovoltaism, photoconductivity

.56 Electron and ion optics

Focusing and deflecting streams of charged particles by means of electrostatic and magnetic lenses and fields

.6 Electric currents

.61 Direct currents and circuitry

537.62 Conductivity and resistance
For dielectrics, see **537.24**

.622 Semiconductivity
Including semiconductors

.623 Superconductivity

.624 Thermal effects of currents

.63 Alternating currents and circuitry

.64 Electrodynamics
Mutual- and self-induction

.65 Thermoelectricity
Electricity produced by direct action of heat

.8 Special developments

.9 Tables, review, exercise

538 Magnetism

.01 Philosophy and theory
Class theories in **537.1**

.02–.09 Other standard subdivisions
Class tables, review, exercise in **538.9**

SUMMARY

538.2 Magnets and magnetic induction
.3 Magnetic phenomena
.4 Magnetic materials and permeability
.6 Magnetohydrodynamics
.7 Geomagnetism and allied phenomena
.8 Special developments
.9 Tables, review, exercise

.2 Magnets and magnetic induction

.22 Permanent magnets

.23 Temporary magnets (Induced magnetism)

.24 Induction in coils

538.3 Magnetic phenomena
Hysteresis, magnetostriction, reluctance, piezomagnetism, pyromagnetism
For permeability, see **538.4**

.4 Magnetic materials and permeability

.42 Diamagnetic

.43 Paramagnetic

.44 Ferromagnetic

.45 Ferrimagnetic

.6 Magnetohydrodynamics
Motion of plasmas in magnetic fields

.7 Geomagnetism and allied phenomena
For atmospheric electricity, see **551.56**

.72 Permanent magnetic field
Theory, analysis, secular variations of magnetism of earth's crust and interior

.74 Transient magnetism

.742 Diurnal variations

.743 Other periodic variations

.744 Magnetic storms and pulsations

.746 Sunspot effects

.748 Earth currents

.76 Allied phenomena of overhead activation

.767 Ionosphere

.767 2 D region

.767 3 E region
E and sporadic E layers (Kennelly-Heaviside layers)

.767 4 F region
F_1 and F_2 layers (Appleton layers)

.767 5 Van Allen radiation belts

.768 Auroras

538.78 Magnetic surveys

Add area notations 1–9 to 538.78

.79 Magnetic observations at permanent stations

Add area notations 1–9 to 538.79

.8 Special developments

.9 Tables, review, exercise

539 Modern physics

Molecular, atomic, nuclear physics

For electronics, see 537.5

.01–.09 Standard subdivisions

Class tables, review, exercise in 539.9

.1 Structure of matter

Scope: interpretation thru spectroscopy

For nuclear structure, see 539.74

.12 Molecular structure

.14 Atomic structure

.7 Nuclear physics

SUMMARY

539.72	**Fundamental radiations**
.73	**Particle acceleration**
.74	**Nuclear structure**
.75	**Transmutations**
.76	**High-energy reactions**
.77	**Particle detection and measurement**

.72 Fundamental radiations

Mass, charge, size, velocity, scattering, energy levels

For treatment, structure, reactions, see 539.73–539.77

.721 Fundamental (Subatomic) particles

.721 1 Electrons (Beta particles)

.721 2 Protons and antiprotons

.721 3 Neutrons and antineutrons

539.721 4 Positrons

.721 5 Neutrinos and antineutrinos

.721 6 Mesons

Mu-, pi-, K-mesons

.721 7 Photons

.721 9 Other particles

.722 Penetrating radiation

.722 2 X and gamma rays

Class production in 537.535

.722 3 Cosmic rays

For mesons, see 539.721 6

► 539.73–539.77 Treatment, structure, reactions

.73 Particle acceleration

.732 In high-voltage accelerators

Use of voltage multipliers and Van de Graaff electrostatic generators

.733 In resonance accelerators

Use of linear accelerators and cyclotrons

.734 In induction accelerators

Use of betatrons

.735 In synchronous accelerators

Use of synchrocyclotrons and synchrotrons (betatron-synchrotons)

.74 Nuclear structure

Scope: isotope structure

.742 Liquid-drop model

.743 Shell model

.744 Interpretation thru spectroscopy

► 539.75–539.76 Nuclear reactions

539.75 Transmutations

Decay schemes, half-life periods, electron and radiative capture, element disintegration

.752 Radioactive decay (Natural transmutations)

.752 2 Alpha decay

.752 3 Beta decay

.752 4 Gamma decay

.753 Artificial transmutations

Bombardment of elements with high-speed particles from natural radioactive sources and accelerators

.76 High-energy reactions

.762 Fission

.764 Fusion

.77 Particle detection and measurement

.772 In ionization chambers

.773 In proportional counters

.774 In Geiger-Müller counters

.775 In scintillation counters

.776 In crystal conduction counters

.777 In Wilson cloud chambers

.778 Thru photographic means

.9 Tables, review, exercise

540 Chemistry and allied sciences

Use **540.01–540.09** for standard subdivisions

► **540.1–540.9 Standard subdivisions of chemistry**

.1 Early theories

Alchemy, phlogiston theory, philosopher's stone, other ancient and medieval philosophies

Class theoretical chemistry in **541.2**

.2–.9 Other

Class apparatus and equipment in **542**

► **541–547 Chemistry**

541 Physical and theoretical chemistry

Class physical and theoretical organic chemistry in **547.1**

.2 Theoretical chemistry

For periodicity and periodic law, see **541.901**

.22 Molecular structure

For quantum chemistry, see **541.28**

.221 Structural formulas

.222 Molecular weights [*formerly* 541.25]

.223 Stereochemistry [*formerly* 541.6]

Spatial molecular arrangement and bond distances

.224 Molecular bonds and valences [*both formerly* 541.396]

Including linkages (conjugations), radicals

For bond distances, see **541.223**

.225 Structural variations [*formerly* 541.7]

.225 2 Isomers and tautomerism

Structural and geometrical isomers and their equilibrium states

541.225 3 Chelates

.225 4 Polymers

.226 Intermolecular forces

.24 Atomic structure

For radiochemistry, see **541.38**

.242 Atomic constants

Atomic weights and numbers [*both formerly* **541.25**], atomic mass

.243 Spatial atomic arrangements

.244 Homopolar and heteropolar bonds [*both formerly* 541.396]

.246 Interatomic forces [*formerly* 541.396]

[.25] Molecular and atomic weights, atomic numbers

Class molecular weights in **541.222**, atomic weights and numbers in **541.242**

.26 Stoichiometry [*formerly* 541.901 5]

Numerical relationship between elements and compounds, determination of proportions in which elements combine, weight relations in reactions

.28 Quantum chemistry [*formerly* 541.383]

Use of quantum, wave, statistical mechanics for interpretation of molecular structure and chemical reactivity in terms of motion of electrons

.3 Physical chemistry

For optical activity, see **541.7**

SUMMARY

541.34 Solutions
.35 Photochemistry
.36 Thermochemistry and thermodynamics
.37 Electro- and magnetochemistry
.38 Radiochemistry
.39 Reaction kinetics and mechanisms

541.34 Solutions

General and nonelectrolytic

For electrolytic solutions, see **541.372–541.374**

.341 Properties

.341 3 Mechanical

.341 4 Optical

.341 5 Colligative

Freezing-point depression, boiling-point elevation, vapor-pressure lowering, osmotic pressure

.341 6 Thermal

.342 Solubility

.342 2 In water

.342 3 In non-aqueous solvents

► 541.343–541.345 Specific types of solutions

.343 By concentration of solute

.343 2 Dilute

.343 3 Normal and molar

.343 4 Saturated

.343 5 Supersaturated

.345 Colloidal

.345 1 Colloidal systems

For specific properties, see **541.345 3 – 541.345 4**

.345 13 Matter in solid disperoids

Solids, liquids, gases disperst in solids, e.g., alloys, gels, solid foams

.345 14 Hydrosols

Solids, liquids, gases disperst in liquids, e.g., suspensions, emulsions, foams (lathers, froths)

.345 15 Aerosols

Solids and liquids disperst in gases, e.g., smokes, fogs, mists

► 541.345 3 – 541.345 4 Specific properties

541.345 3 Surface properties

Surface tension, capillarity, interfacial tensions, films, electric double layers

.345 4 Other

Including formation of Liesegang rings

.348 Solution components

.348 2 Solvents

.348 3 Solutes

.348 5 Precipitates

.35 Photochemistry

Reactions due to visible light and paraphotic radiations

.351 Energy transformations

.353 Specific radiations

Divide like **535.01**, e.g., chemical reactions due to ultraviolet radiation **541.353 4**

.36 Thermochemistry and thermodynamics

Use **541.360 01 – 541.360 09** for standard subdivisions

.360 1–.360 9 Standard subdivisions of thermochemistry

► 541.361–541.368 Thermochemistry

.361 Combustion

.362 Exothermic and endothermic reactions

Heat liberated or absorbed during neutralization, formation, dilution, combustion, solution

.363 Change of state (Phase changes)

Including triple points

.364 Thermal dissociations

.368 Reactions under temperature extremes

.368 6 Low temperatures

Reactions below −100° C

541.368 7 High temperatures

Reactions above critical temperatures

.369 Thermodynamics

.37 Electro- and magnetochemistry

Use **541.370 01 – 541.370 09** for standard subdivisions

.370 1–.370 9 Standard subdivisions of electrochemistry

► 541.372–541.377 Electrochemistry

► 541.372–541.374 Electrolytic solutions

.372 Electrical properties (Electrolyte conductivity)

.372 2 Ionization (Electrolytic dissociation)

.372 3 Ion exchange and equilibriums

.372 4 Ionic migration to electrodes

.372 8 Hydrogen-ion concentration

.374 Other properties

Divide like **541.341**, e.g., optical properties of electrolytic solutions **541.374 4**

.377 Semiconductors

Former heading: Dielectric phenomena

.378 Magnetochemistry

.38 Radiochemistry

.382 Radiolysis

[.383] Quantum chemistry

Class in **541.28**

.388 Isotopes

Class isotopes of specific elements in **541.389**

.388 2 Stable

.388 4 Radioactive

.389 Radiochemistry of specific elements

Divide like **546.38–546.75**, e.g., radiocarbon **541.389 681**

541.39 Reaction kinetics and mechanisms

.392 Chemical equilibriums

Including law of mass action and Le Chatelier's principle

.393 Types of reactions

Chain, reversible, irreversible, homogeneous, heterogeneous

.394 Reaction rates

.395 Catalysis

Acceleration and retardation of chemical reactions by means of catalysts

[.396] Chemical bonds, valences, interatomic forces

Class molecular bonds and valences in **541.224**, homopolar and heteropolar bonds in **541.244**, interatomic forces in **541.246**

[.6] Stereochemistry

Class in **541.223**

.7 Optical activity

Optical rotation, racemization, mutarotation

Including polarimetry

Class structural variations [*formerly* **541.7**] in **541.225**

.9 Other topics

.901 Periodicity and periodic law

[.901 5] Stoichiometry

Class in **541.26**

542 Laboratories, apparatus, equipment

Scope: general procedures and manipulation of equipment

Class a specific application with the subject

.1 Laboratories

Layouts, installations, basic equipment

For specific types of apparatus, see **542.2–542.9**

► **542.2–542.9 Specific types of apparatus**

542.2 Receptacles and accessory equipment

Beakers, flasks, retorts, test tubes, funnels, crucibles, supports, stoppers, tubing

For measuring apparatus, see **542.3**; *distilling apparatus,* **542.4**; *gas apparatus,* **542.7**

.3 Measuring apparatus

Gravimetric and volumetric

For gas apparatus, see **542.7**

.4 Heating and distilling apparatus

.5 Blowpipes

.6 Filters and dializers

.7 Gas apparatus

For producing, collecting, washing, dissolving, storing, measuring, rarefying, compressing, liquefying, solidifying gases

.8 Electrical and electronic apparatus

.9 Other apparatus

► **543–545 Analytical chemistry**

Class organic analytical chemistry in **547.3**

543 General analysis

Use **543.001–543.009** for standard subdivisions

For qualitative analysis, see **544**; *quantitative analysis,* **545**

.01 Reagents

.02 Sample preparation

.07 Instrumentation

.08 Instrumental methods

.083 Mechanical analysis

.085 Optical analysis

.086 Thermal analysis

.087 Electrical analysis

.088 Radiochemical analysis

► 543.1–543.6 Specific product groups

543.1 Food products other than dairy products

.2 Dairy products

.3 Sanitary analysis

.31 Water constituents

.312 Domestic

.313 Industrial

.314 Agricultural

.32 Sewage

.4 Cosmetics and perfumes

.5 Pesticides and other poisons

.6 Rocks and ores

544 Qualitative analysis

Systematic macro and semiquantitative methods and procedures for detecting and identifying constituents of a substance

Scope: identification of specific elements [*formerly* **546**]

Use **544.001–544.009** for standard subdivisions

.01–.08 General principles

Divide like **543.01–543.08**, e.g., mechanical analysis **544.083**

SUMMARY

544.1 Systematic separations
.2 Pyrolysis and combustion
.3 Blowpipe analysis
.4 Gas analysis
.5 Diffusion analysis
.6 Spectrochemical analysis (Spectroscopic analysis)
.8 Micro and semimicro methods
.9 Other methods

.1 Systematic separations

Former heading: Wet analysis

.12 Cation separation and identification

.13 Anion separation and identification

.16 Separation of groups of elements and their components

Divide like **546.3–546.7**, e.g., separation of halogens **544.167 3**

544.2 Pyrolysis and combustion

Former heading: Dry methods

.3 Blowpipe analysis

Flame tests, bead tests, reactions on charcoal and plaster of paris in conjunction with blowpipe

.4 Gas analysis

.5 Diffusion analysis

Including ultrafiltration methods (dialysis)

.6 Spectrochemical analysis (Spectroscopic analysis)

Class quantitative methods in spectrochemical analysis [*formerly* **544.6**] in **545.83**

.62 Microwave

.63 Infrared

.64 Visible light

Including Raman spectroscopy

.65 Ultraviolet

.66 X-ray and gamma-ray

.8 Micro and semimicro methods

Class quantitative micro and semimicro methods [*formerly* **544.8**] in **545.84**

.82 Microscopical analysis

Use of compound, electron and ultramicroscopes for identification

.83 Microchemical analysis

Reactions performed with small quantities, e.g., micrograms and microliters, and using small apparatus

Class semimicro analysis [*formerly* **544.83**] in **544.85**

.832 Systematic analysis

.834 Spot tests [*formerly* 544.84]

[.84] Spot tests and paper chromatography

Class spot tests in **544.834**, paper chromatography in **544.925**

544.85 Semimicro analysis [*formerly* 544.83]

Small-scale adaptations of existing macro methods

.9 Other methods

.92 Chromatographic analysis

.922 Adsorption

.923 Ion-exchange separations

.924 Liquid-liquid chromatology

.925 Paper chromatography [*formerly* 544.84]

.926 Gas-liquid partition chromatography (Gas chromatography)

.94 Biochemical methods

Identification by means of microorganisms

545 Quantitative analysis

Determination of the amount of a constituent in a substance

Use **545.001–545.009** for standard subdivisions

.01–.08 General principles

Divide like **543.01–543.08**, e.g., mechanical analysis **545.083**

SUMMARY

545.1 Gravimetric analysis of precipitates
.2 Volumetric analysis
.3 Electroanalysis
.4 Thermogravimetric methods
.7 Gasometric methods
.8 Other methods

.1 Gravimetric analysis of precipitates

.2 Volumetric analysis

Determination of elements and compounds in a substance by titration with standard solutions and indicators

.22 Neutralization methods (Alkalimetry and acidimetry)

.23 Oxidation-reduction methods (Oxidimetry and iodometry)

.24 Precipitation methods

545.3 Electroanalysis

.31 Conductometric and potentiometric titrations

.311 Conductometric methods

.312 Potentiometric methods

.32 Polarographic methods

Analysis based on current-voltage curves obtained in electrolysis with a slowly dropping mercury cathode (polarimetric titration)

.33 Mass spectrographic methods

.34 Electrodeposition

.4 Thermogravimetric methods

.42 Pyrolysis and combustion

.43 Blowpipe analysis

.46 Volatilization

.7 Gasometric methods

.8 Other methods

.81 Optical methods

For spectroscopic analysis, see **545.83**

.812 Photometric analysis

Colorimetric, nephelometric, turbidimetric, fluorophotometric methods

.813 Refractometric and interferometric analysis

.816 Polarimetric analysis (Polariscopic analysis)

.82 Radiochemical methods

.822 Activation analysis (Radioactivation analysis)

.824 Tracer techniques

.83 Spectroscopic analysis [*formerly also* 544.6]

Former heading: Diffraction methods

Divide like **544.6**, e.g., X-ray diffraction methods **545.836**

.84 Micro and semimicro methods [*formerly* 544.8]

Divide like **544.83–544.85**, e.g., semimicro quantitative analysis **545.845**

546 Inorganic chemistry

An optional schedule, based on earlier concepts of the subject, appeared in Edition 16, p. 2429–2439

Divide each subdivision identified by * as follows, e.g., arsenic compounds **546.715 2**

1 The element
2 Compounds
22 Acids and bases
24 Salts
25 Complex compounds
3 Molecular and colloidal mixtures

Class identification of specific elements [*formerly* **546**] in **544**

For analytical chemistry, see **543–545**; *physical and theoretical chemistry,* **541**

SUMMARY

546.1 General principles
.2 Hydrogen and its compounds
.3 Metals, their compounds and mixtures
.4 Rare-earth elements (Group 3A)
.5 Groups 4A, 5A, 6A, 7A
.6 Groups 8, 1B, 2B, 3B, 4B
.7 Nonmetals
.8 Periods of periodic table

.1 General principles

Class general principles applied to specific elements and their compounds in **546.38–546.75**

.11 Elements

.12 Specific reactions

.121 Catalysis

.122 Hydrolysis

.123 Oxidation and reduction

.129 Other

.15 Synthesis

Preparation of new compounds, and new methods for preparing old compounds

.2 Hydrogen and its compounds

.21 The element

► 546.22–546.24 Compounds

546.22 Water

Including deuterium oxide (heavy water)

.24 Acids

Class a specific acid with its nonmetallic element

.3 Metals, their compounds and mixtures

Class metals, their compounds and mixtures of groups other than **1A** and **2A** in **546.4–546.6**

.31 Metallic elements

Class alkali metals and alkaline earth metals (groups **1A** and **2A**) in **546.38–546.39**

► 546.32–546.34 Compounds

Class a specific metallic compound with its metallic element

.32 Bases

.34 Salts

.342 Simple

Neutral, acidulous, alkaline, amphoteric, binary salts

.343 Double (Molecular compounds)

Salts formed by union of two simple salts, e.g., alums

.345 Complex

Double salts which do not form their component simple salts on solution, e.g., potassium ferrocyanide

.37 Alloys

Molecular and colloidal mixtures

► 546.38–546.39 Alkali and alkaline earth metals

.38 Alkali metals (Group 1A)

.381 *Lithium

.382 *Sodium (Natrium)

.383 *Potassium (Kalium)

* Divide as instructed under **546**

546.384 *Rubidium
.385 *Cesium (Caesium)
.386 *Francium
.39 Alkaline earth metals (Group 2A)
.391 *Beryllium (Glucinium)
.392 *Magnesium
.393 *Calcium
.394 *Strontium
.395 *Barium
.396 *Radium
.4 Rare-earth elements (Group 3A)
Use **546.400 1 – 546.400 9** for standard subdivisions

.401 *Scandium
.403 *Yttrium
.41 Lanthanide series
.411 *Lanthanum
.412 *Cerium
.413 Praseodymium and neodymium
.414 *Promethium (Illinium)
.415 Samarium and europium
.416 Gadolinium and terbium
.417 Dysprosium and holmium
.418 Erbium and thulium (aldebaranium)
.419 Ytterbium and lutetium (cassiopeium, lutecium)

► 546.42–546.44 Actinide series
.42 Terrestrially-occurring actinides
For uranium, see **546.431**

.421 *Actinium
.422 *Thorium
.424 *Protactinium (Protoactinium)

* Divide as instructed under **546**

546.43 Uranium, neptunium, plutonium
.431 *Uranium
.432 *Neptunium
.434 *Plutonium
.44 Transuranium elements
Use **546.440 01 – 546.440 09** for standard subdivisions
For neptunium, see **546.432**; *plutonium,* **546.434**
.440 1–.440 2 *Special subdivisions
.441 Americium
.442 Curium
.444 Berkelium
.448 Californium
.449 Other
Einsteinium, fermium, mendelevium, nobelium, lawrencium

.5 Groups 4A, 5A, 6A, 7A
.51 Titanium group (Group 4A)
.512 *Titanium
.513 *Zirconium
.514 *Hafnium (Celtium)
.52 Vanadium group (Group 5A)
.522 *Vanadium
.524 *Columbium (Niobium)
.526 *Tantalum
.53 Chromium group (Group 6A)
.532 *Chromium
.534 *Molybdenum
.536 *Tungsten (Wolfram)
.54 Manganese group (Group 7A)
.541 *Manganese
.543 Technetium
.545 *Rhenium (Bohemium)

* Divide as instructed under **546**

546.6 Groups 8, 1B, 2B, 3B, 4B

SUMMARY

546.62	Iron series
.63	Ruthenium series
.64	Osmium series
.65	Copper group (Group 1B)
.66	Zinc group (Group 2B)
.67	Boron group (Group 3B)
.68	Carbon group (Group 4B)

► 546.62–546.64 Transition metals (Group 8)

.62 Iron series
.621 *Iron (Ferrum)
.623 *Cobalt
.625 *Nickel
.63 Ruthenium series
.632 *Ruthenium
.634 *Rhodium
.636 *Palladium
.64 Osmium series
.641 *Osmium
.643 *Iridium
.645 *Platinum
.65 Copper group (Group 1B)
.652 *Copper (Cuprum)
.654 *Silver (Argentum)
.656 *Gold (Aurum)
.66 Zinc group (Group 2B)
.661 *Zinc
.662 *Cadmium
.663 *Mercury (Hydrargyrum)

* Divide as instructed under **546**

546.67 Boron group (Group 3B)
.671 *Boron
.673 *Aluminum
.675 *Gallium
.677 *Indium
.678 *Thallium
.68 Carbon group (Group 4B)
.681 *Carbon
.683 *Silicon
.684 *Germanium
.686 *Tin (Stannum)
.688 *Lead (Plumbum)
.7 Nonmetals
Class a specific nonmetal with the subject
.71 Nitrogen group (Group 5B)
.711 *Nitrogen
.712 *Phosphorus
.715 *Arsenic
.716 *Antimony (Stibium)
.718 *Bismuth
.72 Oxygen group (Group 6B)
.721 *Oxygen
.723 *Sulfur
.724 *Selenium
.726 Tellurium
.728 *Polonium
.73 Halogen group (Group 7B)
.731 *Fluorine
.732 *Chlorine
.733 *Bromine

* Divide as instructed under **546**

546.734 *Iodine

.735 *Astatine

.75 Rare gases (Group 0)

.751 Helium

.752 Neon

.753 Argon

.754 Krypton

.755 Xenon

.756 Radon (Niton)

.8 Periods of periodic table

Bohr's arrangement of elements according to atomic number

Class hydrogen and its compounds in **546.2**, other specific elements and their compounds in **546.38–546.75**

.81 Period 1

Hydrogen and helium

.82 Period 2

Lithium, beryllium, boron, carbon, nitrogen, oxygen, fluorine, neon

.83 Period 3

Sodium, magnesium, aluminum, silicon, phosphorus, sulfur, chlorine, argon

.84 Period 4

Potassium, calcium, scandium, titanium, vanadium, chromium, manganese, iron, cobalt, nickel, copper, zinc, gallium, germanium, arsenic, selenium, bromine, krypton

.85 Period 5

Rubidium, strontium, yttrium, zirconium, columbium, molybdenum, technetium, ruthenium, rhodium, palladium, silver, cadmium, indium, tin, antimony, tellurium, iodine, xenon

* Divide as instructed under **546**

546.86 Period 6

Cesium, barium, lanthanide series, hafnium, tantalum, tungsten, rhenium, osmium, iridium, platinum, gold, mercury, thallium, lead, bismuth, polonium, astatine, radon

.87 Period 7

Francium, radium, actinide series

547 Organic chemistry

Chemistry of nonpolar compounds

An optional schedule, based on earlier concepts of the subject, appeared in Edition 16, p. 2429–2439

Use **547.001–547.009** for standard subdivisions

Class theoretical chemistry in **547.12**

For biochemistry, see **574.192**

► 547.01–547.09 General groupings of compounds

.01 Hydrocarbons

► 547.02–547.04 Hydrocarbon derivatives

.02 Halogen derivatives

.03 Oxy and hydroxy derivatives

.031 Alcohols

.035 Ethers

.036 Aldehydes and ketones

.037 Acids

.038 Esters

.04 Nitrogen derivatives

.041 Nitro and nitroso compounds

.042 Amines

.043 Azo compounds

.044 Nitriles and isonitriles

.05 Metallic compounds

Salts, chelates, arsenicals, Grignards

547.06 Sulfur compounds

.061 Sulfites (Thioethers)

.063 Hydrosulfites (Thioalcohols, mercaptans)

.064 Thioacids

.065 Oxy derivatives of thioethers

Sulfones, sulfoxides, thioaldehydes, thioketones

.066 Sulfinic acids

.067 Sulfonic acids

.07 Phosphorus compounds

Divide like **547.06**, e.g., phosphinic acids **547.076**

.08 Silicon compounds

Divide like **547.06**, e.g., silicones **547.085**

.09 Other

SUMMARY

547.1	**Physical and theoretical chemistry**
.2	**Synthesis and named reactions**
.3	**Analytical chemistry**
.4	**Aliphatic compounds**
.5	**Alicyclic and heterocyclic compounds**
.6	**Aromatic compounds**
.7	**Natural products**
.8	**Other**

.1 Physical and theoretical chemistry

Divide like **541**, e.g., electrochemistry **547.137**

.2 Synthesis and named reactions

.21 Alkylation, acylation, aromatization

Including Friedel-Craft, Würtz-Fittig, Wittig reactions

.22 Halogen and hydroxy addition and substitution

.223 Halogenation

.225 Hydrolysis and saponification

.23 Oxidation and reduction

Hydrogenation, dehydrogenation, peroxidation, quinonization

547.24 Esterification

.25 Amination and diazotization

.26 Nitration and nitrosation

.27 Sulfonation

.28 Polymerization

Formation of addition and condensation polymers

.29 Other

Including fermentation processes

.3 Analytical chemistry

Use **547.300 1 – 547.300 9** for standard subdivisions

.301–.308 General principles

Divide like **543.01–543.08**, e.g., reagents **547.301**

.33 General analysis of specific product groups

Divide like **543.1–543.6**, e.g., organic analysis of dairy products **543.332**

For qualitative analysis, see **547.34**; *quantitative analysis,* **547.35**

.34 Qualitative analysis

Divide like **544**, e.g., microscopical analysis **547.348 2**

.35 Quantitative analysis

Divide like **545**, e.g., electroanalysis **547.353**

► **547.4–547.6 Compounds of defined structure**

Class compounds of complex structure not subject to precise structural classification in **547.7–547.8**

.4 Aliphatic compounds

.41 Hydrocarbons

.411 Paraffins

.412 Olefins (Alkenes)

.413 Acetylenics (Alkynes)

547.42–.44 Hydrocarbon derivatives
Divide like **547.02–547.04**, e.g., aliphatic alcohols **547.431**

.45 Metallic compounds
Salts, chelates, arsenicals, Grignards

.46 Sulfur compounds
Divide like **547.06**, e.g., aliphatic sulfinic acids **547.466**

.47 Phosphorus compounds
Divide like **547.06**, e.g., aliphatic phosphinic acids **547.476**

.48 Silicon compounds
Divide like **547.06**, e.g., aliphatic silicones **547.485**

.49 Other

► **547.5–547.6 Cyclic compounds**

.5 Alicyclic and heterocyclic compounds

► 547.51–547.58 Alicyclic compounds
Nonaromatic compounds with ring structure

.51 Hydrocarbons
Divide like **547.41**, e.g., cycloparaffins **547.511**

.52–.58 Other
Divide like **547.02–547.08**, e.g., alicyclic acids **547.537**

.59 Heterocyclic compounds
Cyclic compounds containing other than carbon atoms in the ring

.592 With hetero oxygen atoms
Furans, pyrans, oxazoles

.593 With hetero nitrogen atoms
Pyrroles, porphyrins, chlorophylls, pyridines, pyrazoles, imidazoles, diazines

547.594 With hetero sulfur atoms
Thiophenes, thiazoles

.595 With several different hetero atoms
Oxazines, oxdiazines, oxdiazoles

.596 With fused hetero rings
Quinolines, purines, nucleic acids

.6 Aromatic compounds

.61 Hydrocarbons

.611 Benzenes

.613 Polyphenyl hydrocarbons

► 547.615–547.616 Fused hydrocarbons

.615 Napthalenes

.616 Anthracenes

.62 Halogen derivatives

.63 Oxy and hydroxy derivatives

.631 Alcohols

.632 Phenols

.633 Polyhydroxy aromatics
Dihydroxy and trihydroxy aromatics, catechols, resorcinols, hydroquinones

.635–.638 Other
Divide like **547.035–547.038**, e.g., aromatic esters **547.638**

.64–.69 Other aromatics
Divide like **547.04–547.09**, e.g., aromatic amines **547.642**

► **547.7–547.8 Macromolecular compounds**

.7 Natural products
Substances directly derived from living organisms
For high polymers, see **547.84**

.71 Terpenes and essential oils

547.72 Alkaloids

Basic, nitrogenous plant products having strong physiological activity, e.g., nicotine, quinine, strychnine, cocaine, caffeine, atropine

.73 Steroids

.731 Sterols

Cholesterol, ergosterol, phytosterol, other solid alcohols derived from plant and animal sources

.734 Hormones

.734 2 Gibberellins and other auxins

.734 3 Sex hormones

Progesterone, estrone, testosterone, androsterone

.734 5 Other hormones

Adrenalin, thyroxin, insulin, oxytocin, cortin, vasopressin

.737 Bile acids (Cholic acids)

.74 Vitamins

.75 Proteins

► 547.752–547.756 By structure

For enzymes, see **547.758**

.752 Simple

Albumins, globulins, histones

.754 Conjugated

Nucleoproteins, phosphoproteins, hemoglobins, chromoproteins

.756 Derived

Peptones and peptides

.758 Enzymes

Proteins having strong catalytic properties, e.g., trypsin, pepsin, coenzyme A, dehydrogenases, hexokinase, phosphorylases, amylases

547.76 Antibiotics

.78 Carbohydrates

.781 Sugar

.781 3 Monosaccharides

Glucose, fructose, levulose, dextrose, gallactose

.781 5 Oligosaccharides

Disaccharides (sucrose, maltose, lactose, cellobiose) and trisaccharides (raffinose)

.782 Polysaccharides

Starches, inulin, glycogen, cellulose, cotton derivatives, pentosans, dextrans, pectin

.783 Tannins

.8 Other

► 547.82–547.83 Fossil substances

Class a specific compound derived from fossil substances with the subject

.82 Coal-tar

.83 Petroleum

.84 High polymers

.842 Elastic polymers (Elastomers)

.842 5 Latexes

Natural and synthetic

.842 6 Natural rubber

.842 7 Synthetic polymers

For synthetic latexes, see **547.842 5**

.842 72 Synthetic rubber

.842 73 High-styrene resins (Elastoplastics)

547.843 Flexible polymers

Polymers with high tensile strength without elasticity of rubber

.843 2 Plastics

Divide like **668.42–668.45**, e.g., polyethylene plastics **547.843 223 4**

.843 4 Gums and resins

.85 Man-made fibers

Divide like **677.46–677.47**, e.g., nylon **547.857 3**

.86 Dyes and pigments

Use **547.860 01 – 547.860 09** for standard subdivisions

.860 1–.860 9 Standard subdivisions of dyes

► 547.862–547.868 Dyes

.862 Nitro and nitroso

.863 Azo-oxy and azo-tetrazo

.864 Di- and triphenylmethane

.866 Hydroxyketone

Quinoidals and alizarines

.867 Indigoid

.868 Other

.869 Pigments

548 Crystallography

.1 Geometrical crystallography

.12 External shape of crystals

.14 Fundamental systems

Isometric, tetragonal, orthorhombic, monoclinic, triclinic, hexagonal, and trigonal systems

.3 Chemical crystallography

Relationship between structure and bondings

Including isomorphism, polymorphism, pseudomorphism

548.5 Growth and aggregation of crystals

.7 Mathematical crystallography

Goniometric measurements and calculations

.8 Physical and structural crystallography

► 548.81–548.83 Crystal structure

Study of internal structure of crystals

.81 Diagrammatic representations

.812 Of molecular structure

.814 Of atomic structure

.83 Photographic representations (Crystallograms)

Study of internal structure by X-ray diffraction

► 548.84–548.86 Physical properties of crystals

For optical properties, see **548.9**

.84 Mechanical properties

Class fusibility [*formerly* **548.84**] in **548.86**

.842 Stresses and deformation

Elasticity, plasticity, fracture, stresses of tension, compression, shear

.843 Cleavage and cohesion

.845 Density and specific gravity

.85 Electrical, electronic, magnetic properties

Conductivity, semiconductivity, dielectrics

Class thermal properties [*formerly* **548.85**] in **548.86**

.86 Thermal properties [*formerly* 548.85]

Including fusibility [*formerly* **548.84**]

.9 Optical crystallography

Optical properties and methods

Including liquid crystals

549 **Mineralogy**

Occurrence, description, classification, identification of naturally-occurring elements and compounds formed by inorganic processes

For economic geology, see **553**

.09 Historical and geographical treatment

Class geographical distribution of minerals in **549.9**

SUMMARY

549.1	Determinative mineralogy
.2	Native elements
.3	Sulfides, sulfosalts, related minerals
.4	Halides
.5	Oxides
.6	Silicates
.7	Other minerals
.9	Geographical distribution of minerals

.1 Determinative mineralogy

Class determinative mineralogy of specific minerals in **549.2–549.7**

.11 Modes of occurrence and associations of minerals

.113 In placers

.114 In rocks

Divide like **552.1–552.5**, e.g., minerals in igneous rocks **549.114 1**

.116 In pegmatite dikes

.118 In association with other minerals

.119 In veins

.12 Physical mineralogy

.121 Mechanical properties

Cleavage, parting, fracture, hardness, tenacity, specific gravity

.125 Optical properties

Luster, color, streak, iridescence, luminescence, fluorescence, refractivity

.127 Electrical and magnetic properties

Pyroelectric and piezoelectric phenomena

549.13 Chemical mineralogy

.131 Composition, properties, reactivity

.133 Analysis and identification

Blowpipe analysis, microchemical reactions, etch tests

.18 Crystallographic mineralogy

Geometrical, structural, mathematical, X-ray crystallography of minerals

---

► **549.2–549.7 Specific minerals**

.2 Native elements

.23 Metals

Gold, silver, copper, lead, platinum, palladium, iridium, osmium, iron, mercury, tantalum, tin, zinc

.25 Semimetals

Arsenic, antimony, bismuth, selenium, tellurium

.27 Nonmetals

Carbon (diamonds, graphite), sulfur

.3 Sulfides, sulfosalts, related minerals

.32 Sulfides, selenides, tellurides, antimonides

Galena, stannite, cinnabar, stibnite, bismuthinite, pyrite, calaverite, smaltite (skutterudite), argentite, chalcocite, molybdenite, sphalerite, niccolite

.35 Sulfosalts (Double sulfides)

Enargite, polybasite, stephanite, proustite, pyrargyrite, tetrahedrite, jamesonite, bournonite

.4 Halides

Halite, cryolite, fluorite, sylvite, cerargyrite, atacamite, carnallite

.5 Oxides

.52 Simple and multiple oxides

.522 Cuprite, ice, zincite

.523 Hematite group

Corundum, hematite, ilmenite

549.524 Rutile group
Rutile, pyrolusite, cassiterite

.525 Goethite group [*formerly* 549.53]
Diaspore and goethite

.526 Spinel group
Spinel, gahnite, magnetite, franklinite, chromite

.528 Other groupings
Uraninite [*formerly* **549.74**], chrysoberyl, columbite

.53 Hydroxides
Manganite, limonite, bauxite, brucite, psilomelane
Class goethite group [*formerly* **549.53**] in **549.525**

.6 Silicates

.62 Nesosilicates
Phenacite, willemite, olivine, garnet, zircon, andalusite, sillimanite, kyanite, topaz, staurolite, chondrodite, sphene, dumortierite

.63 Sorosilicates
Hemimorphite, lawsonite, epidote, idocrase, prehnite

.64 Cyclosilicates
Axinite, beryl, cordierite, tourmaline, chrysocolla

.66 Inosilicates
Pyroxenes, spodumene, rhodonite, wollastonite, pectolite, amphiboles

.67 Phyllosilicates
Apophyllite, kaolinite, serpentine, garnierite, pyrophyllite, talc, micas, chlorite, sepiolite

.68 Tectosilicates
Quartz, opal, feldspars, leucite, lazurite, scapolites, zeolites

549.7 Other minerals

.72 Phosphates, vanadates, arsenates
Monazite, triphylite, apatites, vanadinite, lazulite, scorodite, turquoise, vivianite, erythrite

.73 Nitrates and borates

.732 Nitrates
Soda niter (Chile saltpeter) and niter (saltpeter)

.735 Borates
Boracite, borax, kernite, ulexite, colemanite

.74 Tungstates and molybdates
Wolframite, scheelite, wulfenite
Class uraninite [*formerly* **549.74**] in **549.528**

.75 Chromates and sulfates

.752 Chromates and anhydrous sulfates
Crocoite, glauberite, barite, celestite, anglesite, anhydrite

.755 Hydrous and basic sulfates
Antlerite, polyhalite, gypsum, epsomite, chalcanthite, alunite

.78 Carbonates

.782 Calcite group
Calcite, dolomite, magnesite, siderite, rhodochrosite, smithsonite

.785 Aragonite group
Aragonite, witherite, strontianite, cerussite, malachite, azurite

.9 Geographical distribution of minerals
Add area notations **1–9** to **549.9**

550 Earth sciences

.1 **Philosophy and theory**

Class geologic time [*formerly* 550.1] in 551.701

551 Physical and dynamic geology

Scope: geophysics and geochemistry of lithosphere, hydrosphere, atmosphere

For astronomical geography, see 525

SUMMARY

551.1	Gross structure and properties of the earth
.2	Plutonic phenomena
.3	Exogenous processes and their agents
.4	Geomorphology
.5	Descriptive and dynamic meteorology
.6	Climatology and weather
.7	Historical geology (Stratigraphy)
.8	Structural geology (Tectonophysics)
.9	Geochemistry

.1 **Gross structure and properties of the earth**

For geomagnetism, see 538.7

► 551.11–551.12 Earth's interior

.11 Structure

Core, mantle, mohorovicic discontinuity

.12 Properties

Heat, temperature ranges, isostasy

► 551.13–551.14 Earth's crust

.13 Structure

.14 Properties

Heat, temperature ranges, thermal conductivity, elasticity, deformation

.2 **Plutonic phenomena**

.21 Volcanoes

.22 Earthquakes

.23 Fumaroles, hot springs, geysers

551.3 **Exogenous processes and their agents**

Use 551.300 1 – 551.300 9 for standard subdivisions

.302 Erosion and weathering

.303 Deposition, sedimentation, transport

.304 Transported materials

.305 New formations

► 551.31–551.34 Geologic work of ice

For frost action in soils and rocks, see 551.38

.31 Glaciology

.312 Glaciers

Nourishment, advances, recessions, oscillations

For icebergs, shelf ice, growlers, see 551.342

.313 Glacial action

Class cirques, drumlins, kettles, kames, roches moutonnées [*all formerly* 551.313] in 551.315

For Pleistocene epoch, see 551.792

.314 Glacial debris

Including moraines [*formerly* 551.32], other glacier-transported materials [*formerly* 551.33]

.315 New formations

Cirques, drumlins, kettles, kames, roches moutonnées [*all formerly* 551.313]

[.32] Moraines

Class in 551.314

[.33] Other glacier-transported materials

Class in 551.314

.34 Other ice forms

► 551.342–551.343 Ice in the sea

.342 Icebergs, shelf ice, growlers

.343 Sea ice (Frozen seawater)

551.344 Anchor and frazil ice

.345 Ice cover

Lake and river ice

► 551.35–551.36 Geologic work of water

.35 Of surface waters

Divide like **551.302–551.305**, e.g., mudflows **551.353**

.36 Of marine waters

Wave action, beach erosion, coastal changes

.37 Geologic work of wind

Divide like **551.302–551.305**, e.g., dune formations **551.375**

.38 Frost action in soils and rocks

.382 Fragmentation of rocks

.383 Nivation

.384 Permafrost phenomena

.4 Geomorphology

Origin, development, transformations of topographic features

Class physical geography [*formerly* **551.4**] in **910**

SUMMARY

551.41–.45	**Specific land forms**
.46	**Oceans and sea waters**
.47	**Dynamics of the sea**
.48	**Surface waters**
.49	**Ground water (Subsurface waters)**

.41–.45 Specific land forms

Divide like area notations **141–145**, e.g., caves **551.44**

► 551.46–551.47 Oceanography

.46 Oceans and sea waters

Use **551.460 01 – 551.406 09** for standard subdivisions

Class tides [*formerly* **551.46**] in **551.470 8**

For dynamics of the sea, see **551.47**

.460 1 Composition and properties of sea water

Salinity, density, temperature distribution, color, transparency

551.460 7 Deep-sea surveys and explorations

.460 8 Submarine geology

.460 83 Deposits and sedimentation

.460 84 Topography

Ridges, canyons, mountains of ocean floor

.460 9 Special oceanographic forms

Salt-water lagoons, inland seas, coastal pools

► 551.461–551.469 Specific oceanic bodies

.461 North Atlantic Ocean

.462 Mediterranean and Black Seas

.463 Caribbean Sea and Gulf of Mexico

.464 South Atlantic Ocean

.465 West Pacific Ocean

.466 East Pacific Ocean

.467 Indian Ocean

.468 Arctic Ocean

.469 Antarctic waters

.47 Dynamics of the sea

Use **551.470 01 – 551.470 09** for standard subdivisions

.470 1 Ocean currents

Theories, circulation, observational methods

Class specific ocean currents in **551.471–551.479**

.470 2 Waves

.470 22 Ocean waves

.470 23 Seiches

.470 24 Tidal waves

.470 8 Tides [*formerly* 551.46] and tidal currents

.471–.479 Specific ocean currents

Divide like **551.461–551.469**, e.g., Gulf Stream **551.471**

.48 Surface waters

.482 Lakes, ponds, fresh-water lagoons

551.483 Rivers and streams
.484 Waterfalls
.49 Ground waters (Subsurface waters)
.492 Water table
.498 Specific manifestations
Wells, springs, runoff

► 551.5–551.6 Meteorology, climatology, weather

.5 Descriptive and dynamic meteorology

SUMMARY

551.51 Composition, structure, mechanics of atmosphere
.52 Thermodynamics, temperatures, radiation
.54 Atmospheric pressure
.55 Atmospheric formations and disturbances
.56 Atmospheric electricity and optics
.57 Hydrometeorology

► 551.51–551.52 Dynamic meteorology

.51 Composition, structure, mechanics of atmosphere
.511 Composition
.511 2 Gases
.511 3 Dust and other particulates

► 551.513–551.514 Structure

.513 Troposphere
.514 Upper atmosphere
.514 2 Stratosphere
.514 5 Ionosphere

.515 Mechanics
.515 1 Kinematics
.515 2 Statics
.515 3 Dynamics
For circulation, see **551.517**

.517 Circulation [*formerly* 551.518]
For wind systems, see **551.518**; *atmospheric formations and disturbances,* **551.55**

551.518 Wind systems
Class circulation [*formerly* **551.518**] in **551.517**

► 551.518 3 – 551.518 5 Systems in troposphere

.518 3 Planetary and terrestrial systems
Trade winds, prevailing westerlies, polar easterlies, doldrums

.518 4 Continental systems (Monsoons)
.518 5 Local systems
Drainage winds, mountain and valley breezes, land and sea winds

.518 7 Systems in upper atmosphere

.52 Thermodynamics, temperatures, radiation
.522 Thermodynamics

► 551.523–551.525 Temperatures
Distribution, variations, frequencies, gradients

.523 Earth temperatures
.523 2 Surface temperatures
.523 4 Vertical distribution
.523 8 Permafrost

.524 Water temperatures
.524 6 Oceans and seas
.524 8 Lakes and rivers

.525 Air temperatures
.525 2 Distribution at earth's surface
.525 3 Variations at earth's surface
Diurnal and annual variations, maximums and minimums, frosts

.525 4 Vertical distribution in troposphere
.525 7 Upper-atmosphere temperatures

551.527 Radiation

Absorption, emission, reflection, scattering, transmission

.527 1 Solar radiation

.527 2 Terrestrial radiation

.527 3 Atmospheric radiation

.527 6 Cosmic and corpuscular radiations

.54 Atmospheric pressure

Distribution, variations, frequencies, gradients

.542 Distribution at earth's surface

.543 Variations at earth's surface

.547 Upper-atmosphere pressures

.55 Atmospheric formations and disturbances

.551 Formations

.551 2 Air masses and fronts

.551 3 Cyclones and cyclogenesis

.551 4 Anticyclones and anticyclogenesis

► 551.552–551.559 Disturbances

.552 Hurricanes

Known also as typhoons, cyclones (in India), baguios, willy-willies

---

► 551.553–551.554 Thermal convective storms

.553 Tornadoes (Twisters)

Including waterspouts [*formerly* 551.559]

.554 Other

Thunderstorms, thermal convective showers, hailstorms

.555 Snowstorms

.557 Upper-atmosphere storms

.559 Other storms

Class waterspouts [*formerly* 551.559] in 551.553

551.56 Atmospheric electricity and optics

► 551.561–551.564 Electrical phenomena

.561 In stable atmosphere

Ionization, conductivity, charge potential gradient

.563 In unstable atmosphere

.563 2 Disruptive discharges

Chain, heat, sheet lightning

.563 3 Silent discharges (Saint Elmo's fire)

.563 4 Ball lightning

.564 Electricity of aerosols

Electricity of snow, ice crystals, water droplets, dust, other particulates

---

► 551.565–551.567 Optical phenomena

.565 Produced by refraction

Mirages, scintillation, distortion of celestial bodies

Class twilight and night skies in 551.566, halos and rainbows in 551.567 [*all formerly* 551.565]

.566 Produced by absorption and scattering

Twilight, night skies [*both formerly* 551.565], sky color

.567 Produced by condensation products

Halos, rainbows [*both formerly* 551.565], cloud coloration

.568 Visibility

.57 Hydrometeorology

SUMMARY

551.571 Humidity
.572 Evaporation and evapotranspiration
.574 Condensation and deposits
.575 Fogs and mists
.576 Clouds
.577 Precipitation
.578 Specific forms of precipitation
.579 Snow surveys

551.571 Humidity

► 551.571 2 – 551.571 4 In troposphere

.571 2 Horizontal distribution

.571 3 Variations

.571 4 Vertical distribution

.571 7 In upper atmosphere

.572 Evaporation and evapotranspiration

Class condensation and deposits [*formerly* **551.572**] in **551.574**

[.572 4] Clouds, fogs, mists

Class clouds in **551.576**, fogs and mists in **551.575**

[.572 8] Droughts

Class in **551.577 3**

[.573] Precipitation

Class in **551.577**

[.573 3] Rain and rainfall

Class in **551.578 1**

[.573 5] Snow and hail

Class snow and snowfall in **551.578 4**, snow surveys in **551.579**, hail and graupel in **551.578 7**

[.573 8] Artificial precipitation and cloud seeding

Class in **551.68**

.574 Condensation and deposits [*formerly* 551.572]

.574 1 Condensation processes

Nucleation, formation of cloud particles, change of state

.574 4 Deposits on earth's surface

Dew, rime, hoarfrost, glaze

.574 7 Deposits on objects in upper atmosphere

551.575 Fogs and mists [*formerly* 551.572 4]

Structure, formation, dissolution, composition, distribution, variations, gradients

.576 Clouds [*formerly* 551.572 4]

Structure, formation, dissolution, composition, distribution, variations, gradients

.577 Precipitation [*formerly* 551.573]

For specific forms of precipitation, see **551.578**

.577 1 Structure, composition, temperature

.577 2 Distribution

Add area notations **1–9** to **551.577 2**

.577 3 Variations

Including droughts [*formerly* **551.572 8**]

.577 5 Factors affecting precipitation

Influences of topography, vegetation, population concentrations, bodies of water

.578 Specific forms of precipitation

.578 1 Liquid precipitation

Rain and rainfall [*both formerly* **551.573 3**]

Divide like **551.577 1 – 551.577 3**, e.g., variations in rain and rainfall **551.578 13**

.578 4 Crystalline precipitation

Snow and snowfall [*both formerly* **551.573 5**]

.578 41–.578 43 Properties, distribution, variations

Divide like **551.577 1 – 551.577 3**, e.g., variations in snow and snowfall **551.578 43**

.578 46 Snow cover

For snow surveys, see **551.579**

.578 461 Duration

.578 464 Ablation

551.578 465 Firnification

.578 466 Stratification

► 551.578 47 – 551.578 48 Snow formations

.578 47 Drifts and cornices

.578 48 Avalanches

.578 7 Solid amorphous precipitation

Hail and graupel [*both formerly* **551.573 5**], hailstones

.579 Snow surveys [*formerly* 551.573 5]

Add area notations **1–9** to **551.579**

[.59] Climatology and weather

Class in **551.6**

.6 Climatology and weather [*formerly* 551.59]

.62 Weather belts and types of climate

.63 Weather prediction

► 551.631–551.635 Specific methods

.631 Historic methods

Weather lore

.632 Synoptic reports

.633 Statistical forecasting

.634 Numerical forecasting

.635 Thru special instrumentation

.635 2 Radiosondes

.635 3 Radar

.635 4 Weather satellites

.636 Types of forecasts

Class specific methods of forecasting in **551.631–551.635**

.636 2 Short-range forecasts

Predictions for a maximum of three days

.636 5 Long-range forecasts

Predictions more than three days in advance

551.64 Forecasting specific elements and phenomena

Divide like **551.5**, e.g., hurricane warnings **551.645 2**

.65 Weather reports

Add area notations **1–9** to **551.65**

.66 Microclimatology

.68 Artificial modification and control of weather

Including artificial precipitation and cloud seeding [*both formerly* **551.573 8**]

.7 Historical geology (Stratigraphy)

Use **551.700 1 – 551.700 9** for standard subdivisions

For paleontology, see **560**

.701 Geologic time [*formerly* 550.1] and age measurements

.71 Pre-Cambrian eras

.712 Archeozoic (Lower Pre-Cambrian) era

Keewatin and Timiskaming periods

.715 Proterozoic (Upper Pre-Cambrian) era

Huronian and Keeweenawan periods

► 551.72–551.75 Paleozoic era

.72 Cambrian period

[.726] Ordovician period

Class in **551.731**

.73 Silurian period

.731 Lower Silurian epoch

Known also as Ordovician period [*formerly also* **551.726**]

.732 Upper Silurian epoch

Known also as Silurian period

.74 Devonian period

551.75 Carboniferous and Permian periods

► 551.751–551.752 Carboniferous periods

.751 Mississippian (Lower Carboniferous) period

.752 Pennsylvanian (Upper Carboniferous) period

.756 Permian period

► 551.76–551.77 Mesozoic era

.76 Triassic and Jurassic periods

.77 Cretaceous period

► 551.78–551.79 Cenozoic era

.78 Tertiary period

Paleocene, Eocene, Oligocene, Miocene, Pliocene epochs

.79 Quaternary period

.792 Pleistocene epoch (Ice age)

.793 Recent (Postglacial) epoch

.8 Structural geology (Tectonophysics)

Forms, position, deformation of rocks

.81 Stratifications

.84 Joints and cleavages

.85 Dips, outcrops, strikes

.86 Synclines and antisynclines

.87 Faults, folds, dislocations

.88 Other deformations

Veins, dikes, necks, bosses, laccoliths, sills

.9 Geochemistry

For chemical analysis of rocks and ores, see **543.6**

552 Petrology

Origin, occurrence, constitution, classification of rocks

Use **552.001–552.009** for standard subdivisions

For mineralogy, see **549**; *economic geology,* **553**

.01 Theoretic and interpretive petrology

.02 Descriptive and systematic petrology

.06 Properties, composition, structure of rocks

.09 Geographical distribution of rocks

Add area notations **1–9** to **552.09**

► **552.1–552.5 Macroscopic petrology**

.1 Igneous rocks

For specific igneous rocks, see **552.2–552.3**

► **552.2–552.3 Specific igneous rocks**

.2 Volcanic rocks

Lavas, pumice, felsites, basalt, obsidian, rhyolite, andesite, tuff, volcanic ashes and tufa

.3 Plutonic rocks

Granites, syenites, porphyries, gabbros, dolerites, diorites, norites, peridotites

.4 Metamorphic rocks

Gneisses, schists, slates, quartzites, serpentines, chrysolitic rocks, crystalline limestones (marble)

.5 Sedimentary rocks

Sandstones, shales, gypsum, limestones, dolomites, oölites, greensands and their components, e.g., sand, clay, silt, glauconite, diatomaceous earth, salt

.8 Microscopic petrography

Study of rocks in thin sections and fragments

553 Economic geology

Quantitative occurrence and distribution of rocks, minerals, other geological materials of economic importance

Scope: comprehensive works on specific nonmetallic materials

For a specific aspect of specific geological materials, see the subject, e.g., prospecting **622.18**

SUMMARY

553.1	**Ore deposits**
.2	**Carbonaceous deposits**
.3	**Ferrous ores**
.4	**Nonferrous ores**
.5	**Building stone deposits**
.6	**Earthy material deposits**
.7	**Aqueous deposits**
.8	**Gem deposits**

.1 Ore deposits

Formation, structure, classification of ores

Including comprehensive works on metallic ore deposits [*formerly* **553.3**] and nonmetallic deposits

Class specific ores and deposits in **553.2–553.8**

.13 Placers

.14 Stratified layers and beds

.16 Pegmatite dikes

.19 Mineral veins

► **553.2–553.8 Specific ores and deposits**

.2 Carbonaceous deposits

For industrial diamonds, see **553.65**; *gem diamonds,* **553.82**

► 553.21–553.25 Coal deposits

.21 Peat and peat coal

.22 Lignite, brown coal, jet

.23 Cannel coal and bituminous shale

.24 Bituminous and semibituminous coal

.25 Anthracite and graphitic anthracite coal

.26 Graphite (Plumbago, Black lead)

553.27 Pitch

Asphalt, bitumen, ozocerite, ceresin, paraffin

.28 Oil and gas

.282 Petroleum

.285 Natural gas

.29 Fossil gums and resins

► **553.3–553.4 Specific metallic ore deposits**

.3 Ferrous ores

Class comprehensive works on metallic ore deposits [*formerly* **553.3**] in **553.1**

.4 Nonferrous ores

► 553.41–553.42 Precious metals

.41 Gold

.42 Other precious metals

.421 Silver

.422 Platinum

.43 Copper

.44 Lead

.45 Zinc, tin, mercury

.452 Zinc

.453 Tin

.454 Mercury

.46 Ferro-alloying metals

Class niobium [*formerly* **553.46**] in **553.499**

For nickel and cobalt, see **553.48**

.462 Titanium, vanadium, manganese

.464 Chromium, molybdenum, tungsten

.465 Zirconium [*formerly* 553.499] and tantalum

553.47 Antimony, arsenic, bismuth

.48 Nickel and cobalt

.49 Other

.492 Light metals

Beryllium [*formerly* **553.499**], aluminum, magnesium

.493 Fissionable metals

Uranium, radium, thorium

.499 Minor metals

Niobium [*formerly* **553.46**], hafnium, germanium, gallium, indium, selenium, tellurium, thallium

Class zirconium in **553.465**, beryllium in **553.492** [*both formerly* **553.499**]

.5 Building stone deposits

.51 Marbles and limestones

For onyx and verd antique marbles, see **553.55**

.52 Granites and syenites

.53 Sandstones, bluestones, flagstones

.54 Slates

.55 Serpentines, soapstones, and their variants

Including onyx and verd antique marbles

.6 Earthy material deposits

.61 Clays

Kaolin, bentonite, fuller's earth, diaspore clay

.62 Sands and gravels

.63 Salts

For mineral waters, see **553.72–553.73**; *soda niter and niter,* **553.64**

.632 Rock salt

.633 Borax and other borates

.635 Gypsum

.636 Potash salts [*formerly* 553.64]

553.64 Nitrate and phosphate fertilizers

Soda niter (Chile saltpeter), niter (saltpeter), apatites

Class potash salts [*formerly* **553.64**] in **553.636**

.65 Abrasive materials

Emery, corundum, pumice, garnet, flint, carbonado, industrial diamonds, tripoli

For sands, see **553.62**

.66 Sulfur and earth pigments

.662 Pigment materials

Barite (heavy spar), ochers, umber, sienna, rutile

.668 Sulfur

.67 Refractory materials

Asbestos, mica, vermiculite, talc

For soapstones, see **553.55**

.68 Cementing materials

Cements, limes, chalks, calcites, marl

For gypsum, see **553.635**

.69 Other

.7 Aqueous deposits

► 553.72–553.73 Mineral waters

.72 Saline waters

.73 Other mineral waters

.78 Surface waters

.79 Ground water (Subsurface waters)

.8 Gem deposits

► 553.82–553.86 Precious stones

.82 Diamonds

.84 Rubies and sapphires

.86 Emeralds

.87 Semiprecious stones

► 554–559 Regional geology

Geology of specific continents, countries, localities

Class a specific geological aspect of a region with the subject

554 Europe

Add area notation 4 to 55, e.g., geology of England 554.2

555 Asia

Add area notation 5 to 55, e.g., geology of Japan 555.2

556 Africa

Add area notation 6 to 55, e.g., geology of South Africa 556.8

557 North America

Add area notation 7 to 55, e.g., geology of Ohio 557.71

558 South America

Add area notation 8 to 55, e.g., geology of Brazil 558.1

559 Other parts of world

Add area notation 9 to 55, e.g., geology of Australia 559.4

560 Paleontology

.1 Philosophy and theory

.17 Stratigraphic paleobotany and paleozoology

Class specific fossils or groups of fossils in 561–569

.171 Archeozoic and Proterozoic paleontology

.172 Paleozoic paleontology

Fossils of Cambrian, Ordovician, Silurian, Devonian, Carboniferous, Permian periods

.176 Mesozoic paleontology

Fossils of Triassic, Jurassic, Cretaceous periods

.178 Cenozoic paleontology

Fossils of Tertiary and Quaternary periods

.9 Regional and geographical treatment

Divide like 574.9, e.g., hydrographic paleontology 560.92

561 Paleobotany

Class stratigraphic paleobotany in 560.17

.09 Historical treatment

Class regional and geographical treatment in 561.19

SUMMARY

561.1	General principles
.2	Fossil Spermatophyta (Fossil seed plants)
.3	Dicotyledones
.4	Monocotyledones
.5	Gymnospermae (Naked-seed plants)
.6	Fossil Cryptogamia (Fossil seedless plants)
.7	Pteridophyta
.8	Bryophyta (Moss plants)
.9	Thallophyta

.1 General principles

Class specific classes, orders, families in 561.2–561.9

.13 Fossil pollen and spores

.14 Fossil fruit and seeds

561.19 Regional and geographical treatment

Divide like **574.9**, e.g., fresh-water fossil plants **561.192 9**

► **561.2–561.9 Taxonomic paleobotany**

.2 **Fossil Spermatophyta (Fossil seed plants)**

For Angiospermae, see **561.3–561.4**; *Gymnospermae,* **561.5**

.21 Trees and petrified wood

For trees of a specific group, see the group, e.g., ginkgo trees **561.57**

► **561.3–561.4 Angiospermae (Flowering plants)**

Class comprehensive works in **561.2**

.3 **Dicotyledones**

.4 **Monocotyledones**

.45 Palmaceae (Palms)

.49 Gramineae (Grasses)

.5 **Gymnospermae (Naked-seed plants)**

.51 Gnetales

.52 Coniferales (Conifers)

Taxaceae, Podocarpaceae, Araucariaceae, Cephalotaxaceae, Pinaceae, Taxodiaceae, Cupressaceae

.55 Cordaitales

Pityeae (Callixylon), Cordaiteae, Poroxyleae

.57 Ginkgoales (Ginkgo trees)

.59 Cycadophyta and related orders

.591 Cycadales (True cycads)

.592 Cycadeoidales

Williamsoniaceae, Cycadeoidaceae

.595 Pteridospermae (Seed ferns)

Medullosaceae, Lyginodendraceae, Calamopityaceae

561.597 Fernlike fossils of uncertain taxonomic position

Archaeopteris, Megalopteris, Glossopteris, Mariopteris, Alliopteris, Taeniopteris, Neuropteris, Odontopteris, Cyclopteris, Linopteris, Callipteris, Alethopteris, Pecopteris, Sphenopteris, Rhacopteris

.6 **Fossil Cryptogamia (Fossil seedless plants)**

For Pteridophyta, see **561.7**; *Bryophyta,* **561.8**; *Thallophyta,* **561.9**

.7 **Pteridophyta**

.71 Isoetales

.72 Sphenopsida (Scouring rushes)

Equisetales, Calamitales, Sphenophyllales, Pseudoborniales, Hyeniales

.73 Filicineae (Ferns)

Filicales, Marattiales, Ophioglossales, Coenopteridales

.74 Psilopsida

Psilotales, Psilophytales

.79 Lycopsida (Lycopods)

Pleuromeiales, Lepidodendrales, Selaginellales, Lycopodiales

For Isoetales, see **561.71**

.8 **Bryophyta (Moss plants)**

.9 **Thallophyta**

.92 Mycophyta (Fungi)

.93 Characeae (Algae)

► **562–569 Taxonomic paleozoology**

562 **Invertebrate paleozoology**

For Protozoa, Parazoa, Metazoa, see **563**; *Mollusca and molluscoidea,* **564**; *other invertebrates,* **565**

563 Protozoa, Parazoa, Metazoa

.1 Plasmodroma and Mastigophora

.4 Porifera and other sponges
Including Calcispongiae, Hyalospongiae, Desmospongiae

.47 Archaeocyatha
Cambrian fossils with characteristics of sponges and corals

.5 Coelenterata
For Anthozoa, see 563.6; *Hydrozoa and related orders,* 563.7

.6 Anthozoa (Corals)
For Archaeocyatha, see 563.47

.7 Hydrozoa and related orders
Including Graphtolitoidea, Hydroida, Trachylina, Milleporina, Stylasterina, Siphonophora

.73 Scyphozoa
Lucernariidea, Charybdeidea, Corona, Semaeostomea

.78 Stromatoporoidea

.8 Ctenophorae
Tentaculata, Nuda

.9 Echinodermata, Enteropneusta, Linguatula
Including Cystoidea, Blastoidea

.91 Crinoidea
Camerata, Adunata, Flexibilia, Inadunata, Articulata, Comatulida

.93 Asteroidea (Starfish)
Phanerozonea, Spinulosa, Forcipulata

.94 Ophiuroidea
Lysophiurida, Ophiocystiida, Aganasterida, Phrynophiurida, Laemophiurida, Gnathophiurida, Chilophiurida

563.95 Echinoidea
Bothriocidaroida, Cidaroida, Centrechinoida, Exocycloida, Perischoechinoida, Echinocystoida, Perichoechinoida

.96 Holothurioidea
Dendrochirota, Elasipoda, Aspidochirota, Molpadonia, Apoda

.99 Enteropneusta and Linguatula
.992 Linguatula
.993 Balanoglossida

564 Mollusca and molluscoidea

.1 Pelecypoda (Bivalve mollusks)
Prionodesmacea, Anomalodesmacea, Teleodesmacea, Pantodonta

.19 Crepipoda (Polyplacophora, Amphineura)
Eoplacophora, Aplacophora, Mesoplacophora, Isoplacophora, Teleoplacophora

.2 Scaphopoda (Toothshells)

.3 Gastropoda
Snails, slugs, whelks
Divide like 594.3, e.g., fossil Pteropoda 564.35

.5 Cephalopoda
.52 Nautiloidea (Nautilus)
.53 Ammonitoidea
.55 Vampyromorpha
.56 Octopoda
.58 Decapoda

.6 Molluscoidea
For Phoronidea, see 565.1

.7 Bryozoa and Pterobranchia

.8 Brachiopoda

565 Other invertebrates

SUMMARY

565.1 Wormlike fossil animals
.2 Arthropoda
.3 Crustacea and related classes
.4 Arachnida
.5 Onychophora
.6 Progoneata
.7 Insecta (Insects)

.1 Wormlike fossil animals

Platyhelminthes, Nemertea, Nematoidea, Nemtomorpha, Acanthocephala, Eucoelomata, Annelida, Phoronidea, Myzostoma, Aschelminthes

.2 Arthropoda

For Crustacea and related classes, see **565.3**; *Progoneata,* **565.6**

.3 Crustacea and related classes

.32 Branchiopoda

Anostraca, Notostraca, Conchostrata, Cladocera

.33 Ostracoda

Myodocopa, Cladocopa, Podocopa, Platycopa

.34 Copepoda

Eucopepoda and Branchiura

.35 Cirripedia (Barnacles)

Thoracia, Ascothoracica, Apoda, Rhizocephala

.36 Leptostraca

Nebaliacea, Rhinocarina, Ceratiocarina, Hymenocarina, Nahecarida

---

► 565.37–565.38 Eumalacostraca

.37 Amphipoda, Isopoda, Thermosbaenacea, Tanaidacea

.38 Cumacea, Stomatopoda, Mysidacea, Decapoda, Euphausiacea

565.39 Chelicerata and Trilobita

For Arachnida, see **565.4**

.391 Eurypterida and Synxiphosura

.392 Xiphosura (Horseshoe crabs)

.393 Trilobita

.394 Pycnogonida

.4 Arachnida

.49 Architarbi

.5 Onychophora

.6 Progoneata

Divide like **595.6**, e.g., fossil centipedes **565.62**

For Insecta, see **565.7**

.7 Insecta (Insects)

.71 Synaptera

Collembola, Protura, Entotrophi, Thysanura

.72 Orthoptera and related orders

Dermaptera, Blattariae, Phasmatodea, Mantodea

.73 Thysanoptera and related orders

Corrodentia, Odonata, Ephemeroptera, Plecoptera, Isoptera, Embioptera, Zoraptera

.74 Neuroptera and related orders

Megaloptera, Mecoptera, Trichoptera, Strepsiptera

.75 Hemiptera and related orders

Anoplura, Mallophaga, Homoptera, Heteroptera

.76 Coleoptera

Adephaga, Polyphaga, Elateroidea, Mordelloidea, Curculionoidea, Colydioidea

.77 Diptera and related orders

Orthorrhapha, Cyclorrhapha, Siphonaptera

565.78 Lepidoptera
Jugatae, Frenatae, Rhopalocera

.79 Hymenoptera

566 Vertebrate paleozoology (Chordata)
For Anamnia, see 567; *Sauropsida,* 568; *Mammalia,* 569

567 Anamnia (Cyclostomes, fishes, amphibians)

.2 Agnatha and Placodermi
Cephalaspidomorphi and Pteraspidomorphi

.3 Chondrichthyes (Sharks, rays, skates)
Cladoselachii, Selachii, Batoidea, Pleuracanthodii, Bradyodonti, Chimaerae

---

► **567.4–567.5 Osteichthyes**

.4 Actinopterygii and Holostei
Palaeoniscoidea, Subholostei, Semionotoidea, Pycnodontoidea, Aspidorhynchoidea, Pholidophoroidea

.5 Teleostei
Isospondyli, Ostariophysi, Apodes, Heterömi, Mesichthyes, Acanthopterygii

.6 Labyrinthodontia and Lepospondyli

.7 Apoda

► **567.8–567.9 Salientia**

.8 Eoanura, Proanura, Anura

.9 Urodela
Cryptobranchoidea, Amblystomoidea, Salamandriodea, Proteidea

568 Sauropsida (Reptiles and birds)

.1 Reptilia

.11 Lepidosauria
Eosuchia, Rhynchocephalia, Squamata
For Serpentes, see 568.12

.12 Serpentes (Snakes)

.13 Anapsida
Cotylosauria and Chelonia

.14 Crocodilia
Protosuchia, Sebecosuchia, Mesosuchia, Eusuchia

.15 Ichthyopterygia

.16 Synaptosauria
Protorosauria and Sauropterygia

.17 Synapsida
Pelycosauria, Therapsida, Ictidosauria

.18 Pterosauri
Rhamphorhynchoidea and Pterodactyloidea

.19 Archosauria
Thecodontia, Saurischia, Ornithischia
For Crocodilia, see 568.14; *Pterosauri,* 568.18

.2 Aves (Birds)

.22 Archaeornithes

.23 Neornithes
Hesperornithiformes and Ichthyornithiformes
For other orders of Neornithes, see 568.3–568.9

► 568.3–568.9 Other orders of Neornithes

568.3 **Gruiformes and related orders**

Charadriiformes, Phororhaci, Diatrymiformes, Ciconiiformes

.4 **Anseriformes and related orders**

Procellariiformes, Pelecaniformes, Sphenisciformes, Gaviiformes, Colymbiformes

.5 **Palaeognathae**

Caenagnathiformes, Struthioniformes, Theiformes, Casuariiformes, Dinornithiformes, Aepyornithiformes, Apterygiformes, Tinamiformes

.6 **Galliformes and Columbiformes**

.7 **Psittaciformes, Piciformes, Trogoniformes, Cuculiformes**

.8 **Passeriformes, Coraciiformes, Apodiformes**

.9 **Falconiformes, Strigiformes, Caprimulgiformes**

569 **Mammalia (Mammals)**

.1 **Prototheria, Allotheria, Theria**

For Marsupilia, see 569.2

.12 Monotremata

.17 Multituberculata and Triconodonta

.18 Panthotheria and Symmetrodonta

.2 **Marsupialia**

.3 **Unguiculata and Glires**

For Chiroptera, see 569.4; *Primates,* 569.8

.31 Edentata

Palaeanodonta, Xenarthra, Pholidota

.32 Lagomorpha and Rodentia

.33 Insectivora

.34 Dermoptera

.35 Tillodontia

.36 Taeniodontia

569.4 **Chiroptera**

Megachiroptera and Microchiroptera

.5 **Cetacea and Sirenia**

Archaeoceti, Odontoceti, Mysticeti, Trichechiformes, Desmostyliformes

.6 **Paenungulata**

Pantodonta, Dinocerata, Pyrotheria, Proboscidea, Embrithopoda, Hyracoidea

For Sirenia, see 569.5

.7 **Mesaxonia, Paraxonia, Ferungulata**

.72 Perissodactyla

Hippomorpha and Ceratomorpha

.73 Artiodactyla

Suiformes, Tylopoda, Ruminantia

.74 Carnivora

Creodonta, Fissipeda, Pinnipedia

.75 Protungulata

Condylarthra, Litopterna, Notoungulata, Astrapotheria, Tubulidentata

.8 **Primates**

Prosimii and Anthropoidea

For Hominidae, see 569.9

.9 **Hominidae (Man)**

570 Anthropological and biological sciences

[571] Prehistoric archeology

Class in 913

572 Human races (Ethnology)

Origin, distribution, physical characteristics of races

Class cultural anthropology [*formerly* 572] in 390

For ethnopsychology, see 155.82–155.84

.2 Racial origins and differences

For specific races, see 572.8; *causes of racial differences,* 572.3

.3 Causes of racial differences

Effects of migrations, environmental influences, genetic sports

[.4] Original home of man

Class in 398.23

.7 Primitive races

For specific races, see 572.8

.8 Specific races

Divide like 420–490, e.g., Semitic races 572.892

.9 Races in specific countries

Add area notations 3–9 to 572.9

573 Somatology (Physical anthropology)

For ethnology, see 572

.021 2 Tables, formulas, specifications

Class statistical tables in 312.6

.2 Organic evolution of man [*formerly also* 573.3]

.21 Human genetics [*formerly* 575.1]

Heredity and environment as factors in evolution

Divide like 575.1, e.g., factors affecting heredity 573.213

For variation in man, see 573.22

573.22 Variation in man [*formerly* 575.2]

Divide like 575.2, e.g., mutations 573.229 2

.3 Prehistoric man

Time, place, antiquity

Class organic evolution of man [*formerly* 573.3] in 573.2

.4 Environmental effects on physique

.5 Pigmentation

► 573.6–573.8 Anthropometry

.6 Structures and features

Divide like 611, e.g., comparative studies of hair 573.678

For craniology, see 573.7

.7 Craniology

.8 Abnormal dimensions

Dwarfs, midgets, giants

574 Biology

For botanical sciences, see 580; *zoological sciences,* 590; *special biological fields and techniques,* 575–579

.09 Historical treatment

Class regional and geographical treatment in 574.9

SUMMARY

574.1	Physiology
.2	Pathology
.3	Maturation
.4	Morphology and descriptive anatomy
.5	Ecology
.6	Economic biology
.8	Histology and cytology
.9	Regional and geographical treatment

.1 Physiology

.11 Circulation

.12 Respiration

.13 Nutrition and metabolism

.14 Secretion and excretion

574.16 Reproduction

► 574.162–574.165 Asexual reproduction

.162 Parthenogenesis

.163 Alternation of generations (Metagenesis)

.165 Vegetative generation

.166 Sexual reproduction

For alternation of generations, see **574.163**

.166 2 Conjugation

.166 7 Hermaphroditism [*formerly* 574.167]

[.167] Hermaphroditism

Class in **574.166 7**

.17 Histogenesis

Microscopic study of germ cells

.18 Movements

Response to stimuli, locomotion

.19 Physics and chemistry of vital processes

.191 Biophysics

Effect of physical agents on living systems

Class physics of functions in **574.11–574.18**

► 574.191 3 – 574.191 7 Terrestrial factors

.191 3 Mechanical factors

.191 32 Gravitational forces

.191 33 Velocity and speed

.191.34 Acceleration and deceleration

.191 35 Pressures

.191 36 Impact

.191 4 Sound vibrations

.191 5 Radiations and microwaves

.191 51 Hertzian waves

.191 52 Infrared waves

574.191 53 Visible light waves

.191 54 Ultraviolet waves

.191 55 X rays

.191 56 Gamma rays

.191 57 Cosmic rays

.191 6 Temperatures

.191 7 Electricity

.191 9 Space biology (Bio-astronautics)

Divide like **574.191 3 – 574.191 7**, e.g., gravitational effects **574.191 932**

.192 Biochemistry

For metabolism, see **574.13**

.192 1 Chemical composition

.192 12 Fluids

.192 14 Mineral components

.192 5 Enzymes [*formerly* 574.193] and enzyme-catalyzed reactions

.192 53 Lipolytic enzymes

Lipases, esterases, phosphatases

.192 54 Saccharolytic enzymes

Carbohydrases, amylases, cellulases, maltases, emulsins

.192 56 Proteolytic enzymes

Proteases, cathepsins

.192 58 Oxidizing and reducing enzymes

Oxidases, dehydrogenases, zymases, catalases

.192 6 Vitamins [*formerly* 574.194]

.192 7 Hormones [*formerly* 574.194]

.192 9 Biosynthesis [*formerly* 574.196]

.192 93 Lipids

.192 94 Carbohydrates

.192 96 Proteins

574.192 97 Pigments

.192 99 Other substances

[.193] Enzymes

Class in **574.192 5**

[.194] Hormones and vitamins

Class hormones in **574.192 7**; vitamins in **574.192 6**

[.196] Biosynthesis

Class in **574.192 9**

.2 Pathology

Anomalies, malformations, deformations, diseases

.3 Maturation

Embryology and gametogenesis

For histogenesis, see **574.17**

.4 Morphology and descriptive anatomy

.5 Ecology

Interrelation of organisms to environment and to each other

.52 Adaptation to environment

Autecology, synecology, biogeochemistry

.53 Nutritive adaptations

.54 Adaptations to meteorological factors

.55 Communities

Consocies, associations, clans, colonies, mutualistic and antagonistic symbioses

.56 Reproductive adaptations

.57 Protective adaptations

.6 Economic biology

.8 Histology and cytology

.82 Histology

Study of minute structure of tissues

574.87 Cytology (Study of cells)

For germ cells, see **574.17**

.872 Morphology

For protoplasmic structure, see **574.873**; *non-protoplasmic structure,* **574.874**; *membranes,* **574.875**

.873 Protoplasmic structure

.873 2 Nucleus

Chromosomes, nucleolus, chromatin, linin network, nuclear membrane

.873 3 Plastids

Chromoplasts, leucoplasts

.873 4 Cytoplasm

Centrosomes, blepharoplasts, metaplasmic bodies

.874 Non-protoplasmic structure

Pigmentation, vacuoles, aleurone grains

.875 Membranes

.876 Physiology

.876 1 Nutrition and metabolism

.876 2 Division

.876 22 Direct division (Amitosis)

.876 23 Indirect division (Mitosis)

Prophase, metaphase, anaphase, telophase stages of cell division

.876 4 Other functions

Respiration, excretion

.876 5 Degeneration

.876 6 Colonies

.878 Comparative cytology

Comparison of plant cells with animal cells

574.9 **Regional and geographical treatment**

.909 Zonal and physiographic treatment

Divide like area notations **11–15**, e.g., desert regions **574.909 54**

Class insular biology in **574.91**, hydrographic biology in **574.92**

.91 Insular biology

Add area notations **3–9** to **574.91**

.92 Hydrographic biology

.921–.928 Marine biology

Divide like **551.461–551.468**, e.g., Caribbean Sea life **574.923**

.929 Fresh-water biology (Limnetic biology)

Add area notations **3–9** to **574.929**

93–.99 Geographical treatment

Add area notations **3–9** to **574.9**

► 575–579 Special biological fields and techniques

575 **Organic evolution**

Origin of species thru historic descent with modification

For organic evolution of man, see **573.2**; *of plants,* **581.38**; *of animals,* **591.38**

.001–.009 Standard subdivisions

Class theories in **575.01**

.01 Theories

.016 Modern theories

.016 2 Darwinian and neo-Darwinian theories

Theories on natural selection and survival of the fittest

.016 3 Orthogenesis

Evolution along seemingly predetermined lines

575.016 5 Mutation theories

Theories on abrupt hereditary changes

.016 6 Lamarckian and neo-Lamarckian theories

Theories on inheritance of acquired characteristics, and on hereditary effects of use and disuse of organs

.1 **Genetics**

Heredity and variation as factors in evolution

Class human genetics [*formerly* **575.1**] in **573.21**

For variation, see **575.2**

.11 Laws of heredity

Laws of Weismann (chromosome theory), Mendel, Galton

.12 Hereditary characteristics

Inheritance of similar and divergent characteristics

Including characteristics of genes, genotypes, phenotypes

.13 Factors affecting heredity

.131 Artificial mutations

Inheritable effects of radiation on chromosomes and genes

.132 Outbreeding

.133 Inbreeding

.134 Species interfertility

.137 Atavism

.2 **Variation**

Class variation in man [*formerly* **575.2**] in **573.22**

.21 Physiological aspects

Cytological and embryological aspects

.22 Environmental aspects

.28 Hybrids

575.29 Abrupt deviations

.292 Mutations

Inheritable abrupt deviations

For artificial mutations, see **575.131**

.293 Sports

Noninheritable abrupt deviations

.5 Evolution thru sexual selection [*formerly* 577.8]

.7 Evolutionary cycles

Degeneration, extinction, regeneration of species

.9 Origin and evolution of sexes

576 Microbiology

For Schizomycetes, see **589.9**; *Eumycophyta,* **589.2**; *protozoa,* **593.1**

.1 General principles

.11 Physiology

Divide like **581.1**, e.g., anaerobic respiration **576.112 8**

.14 Morphology and descriptive anatomy

.15 Ecology

.16 Economic microbiology

Class a specific application of microbiology with the subject, e.g., fermentation in winemaking **663.2**

.162 Beneficial microorganisms

.163 Food microbiology

.164 Industrial microbiology

.165 Deleterious microorganisms

Toxic, pathogenic, obnoxious microorganisms

.19 Regional and geographical treatment

Divide like **574.9**, e.g., fresh-water microorganisms **576.192 9**

576.2 Microorganisms and immunity

.22 Mechanisms of immunity

Antigens and production of antibodies

.23 Immune reactions (Serology)

Antigen-antibody reactions, e.g., agglutination, precipitation

.4 Microorganisms and pathogenicity

Mechanisms of pathogenicity, defense measures of host organisms

.6 Ultramicrobes

.62 Rickettsiae

.64 Viruses

.648 Types of viruses

.648 2 Bacterial viruses (Bacteriophages)

.648 3 Other plant viruses

.648 4 Animal viruses

577 General properties of living matter

For physics and chemistry of vital processes, see **574.19**

.01 Philosophy and theories

.011 Origin and beginnings of life

.013 Abiogenesis (Spontaneous generation)

.2 Comparison of living and nonliving substances

.3 Comparison of vital and physical processes

.4 Conditions necessary for life

.6 Vitalism versus mechanism

.7 Degeneration and death

.8 Sex in nature

Sex differentiation, selection, ratios

Class evolution thru sexual selection [*formerly* **577.8**] in **575.5**

578 Microscopes and microscopy

Class a specific application with the subject

.1 **Types of microscopes**

.12 Simple microscope

.13 Compound microscope

.14 Ultramicroscope

.15 Electron microscope

.4 **Microscopy**

.46 Photomicrography

.6 **Slide preparation**

For slide preparation of plant tissues, see 578.8; *of animal tissues,* 578.9

.62 Fixation techniques

Chemical and freezing-drying techniques

.63 Microtomes and microtomy

Frozen-section and section-cutting techniques

.64 Stain techniques

.65 Mounting techniques

.8 **Slide preparation of plant tissues**

Divide like 578.6, e.g., staining plant tissues 578.84

.9 **Slide preparation of animal tissues**

Divide like 578.6, e.g., fixation of animal tissues 578.92

579 Collection and preservation of biological specimens

.1 **Preparing skeletons**

.2 **Preserving total specimens**

Embalming, mummification, pickling

.4 **Taxidermy**

.6 **Techniques of collecting and transporting**

.7 **Arrangement in museums**

.8 **Maintenance in museums**

580 Botanical sciences

For paleobotany, see 561

.74 Exhibits

For arrangement in museums, see 579.7

.742 Herbariums

.744 Botanical gardens

581 Botany

Class specific classes, orders, families in 582–589

.09 Historical treatment

Class regional and geographical treatment in 581.9

SUMMARY

581.1	Physiology
.2	Pathology
.3	Maturation
.4	Morphology and descriptive anatomy
.5	Ecology
.6	Economic botany
.8	Histology and cytology
.9	Regional and geographical treatment

.1 **Physiology**

SUMMARY

581.11	Circulation
.12	Respiration and transpiration
.13	Nutrition and metabolism
.14	Secretion and excretion
.15	Genetics
.16	Propagation
.17	Regeneration
.18	Movements
.19	Physics and chemistry of vital processes

.11 Circulation

Absorption and translocation of water in the xylem and solutes in the phloem, cytoplasmic and protoplasmic movements, capillarity, osmosis

581.12 Respiration and transpiration

Exchange and translocation of gases, catabolic processes of metabolism

.121 Aerobic respiration

.124 Intercellular respiration

.128 Anaerobic respiration

.129 Transpiration

.13 Nutrition and metabolism

For catabolic processes of metabolism, see **581.12**

.132 Digestion

.133 Assimilation, storage, anabolism of food

.133 4 Food synthesis

.133 42 Photosynthesis

Sugar and starch synthesis by autotrophic plants

.133 43 Chemosynthesis

Food synthesis by heterotrophic plants

.133 45 Protein synthesis

.133 46 Lipid synthesis

.133 5 Mineral metabolism

.133 54 Macronutrient elements

Utilization of sulfur, phosphorus, iron, calcium, potassium, magnesium, sodium salts

.133 56 Micronutrient elements (Trace elements)

Utilization of manganese, copper, zinc, boron, molybdenum, aluminum, silicon, selenium compounds

.133 8 Food storage

► 581.134–581.139 Results of nutrition

581.134 Growth processes

For growth movements, see **581.183**

.134 1 Growth factors

.134 15 Environmental factors

.134 152 Meteorological factors

.134 153 Light

.134 2 Primary growth

Growth initiated at apical meristems

.134 3 Secondary growth

Growth initiated at lateral meristems

.135 Development

General and postembryonic development

For embryology, see **581.33**

.139 Longevity

.14 Secretion and excretion

For transpiration, see **581.129**

.15 Genetics

Heredity and variation

.151 Physiological, embryological, cytological aspects

.152 Environmental aspects

.158 Hybrids

.159 Abrupt deviations

.159 2 Mutations

Inheritable abrupt deviations

.159 3 Sports

Noninheritable abrupt deviations

581.16 Propagation

Divide like **574.16**, e.g., vegetative generation **581.165**

.17 Regeneration

.172 Histogenesis

Microscopic study of germ cells

.179 Regeneration of parts

.18 Movements

.182 Hydration movements

Movements in nonliving plant tissues or organs resulting from hydration or dehydration of cell walls, e.g., splitting of pods, opening of capsules

.183 Growth movements

.183 2 Tropisms

Geotropism, thigmotropism, hydrotropism, chemotropism, aerotropism, heliotropism, thermatropism, stereotropism, traumatropism

.183 3 Nastic movements

Epinastic, hyponastic, nyctinastic, photonastic, thermonastic movements

.184 Turgor movements

Movements caused by reversible changes in cell volume, e.g., wilting, opening and closing of stomates

.185 Nutation and circumnutation

Movements caused by unequal rates of growth, e.g., twining

.19 Physics and chemistry of vital processes

.191 Biophysics

Divide like **574.191**, e.g., effects of gamma rays **581.191 56**

.192 Biochemistry

Including its subdivisions [*formerly* **581.193–581.196**]

Divide like **574.192**, e.g., enzymes **581.192 5**

Class food manufacture in **581.133**

For metabolism, see **574.13**

[581.193–.196] Subdivisions of biochemistry

Class in **581.192**

.2 Pathology

.21 Deficiency diseases

.22 Teratology

Anomalies, deformations, atrophies, hypertrophies

.23 Parasitic diseases

For galls, see **581.27**

.232 Diseases due to parasitic plants

.232 2 Bacterial diseases of plants

.232 6 Fungus diseases of plants

.233 Diseases due to parasitic animals

.234 Viral and rickettsial diseases

.24 Injuries

.27 Galls

.28 Control methods

.3 Maturation

.32 Gametogenesis

Formation and maturation of sex cells

For histogenesis, see **581.172**

.33 Embryology

.332 Anatomy of embryonic parts

Anatomy of embryonic tissues and stems, cotyledons, plumules, radicles, endosperms, suspensors

.333 Germination processes

.334 Seedling stages

Development of primary roots, stems, leaves

.36 Production and differentiation of sexes

.38 Evolution

581.4 **Morphology and descriptive anatomy**

For anatomy of embryonic parts, see **581.332**

.41 Circulatory organs

Structure of fibrovascular bundles, xylem, phloem, cambium layer, veins

.42 Respiratory organs

Structure of stomates, lenticels, guard cells, intercellular spaces

.43 Digestive organs

For leaves, see **581.497**

.44 Secretory and excretory organs

For stomates and lenticels, see **581.42**

.46 Reproductory organs

[.462] Reproductory organs of seedless plants

Class in **586.046**

[.463–.467] Reproductory organs of flowering plants

Class in **582.046**

.47 Motor and integumentary organs

Structure of epidermis and surface protuberances, e.g., thorns, tentacles

.49 Topographic anatomy

.495 Stems

.497 Leaves and fronds

.498 Roots

581.5 **Ecology**

Scope: forest ecology [*formerly* **634.922, 634.94**]

.52 Adaptation to environment

For a specific adaptive feature, see the subject, e.g., nutritive adaptations **581.53**

.522 Autecology (Individual ecology)

.522 2 Effects of environment on plant

Effects of soil, light, gases, liquids on plant

.522 3 Effects of plant on environment

Modification of soil and air, prevention of erosion

.522 5 Structural adaptation

.522 6 Dissemination and migration

.524 Synecology (Associational ecology)

.524 2 Invasion

.524 3 Succession

.524 4 Zonation

.524 5 Alternation

.526 Formational ecology (Physiographic ecology)

Influence of physical factors of environment on plant distribution and species

.526 3 Hydric formations

Adaptation of hydrophytes in fresh and salt water, swamps, heaths, bogs, moors

For xeric formations, see **581.526 5**

.526 4 Mesic formations

Adaptation of mesophytes in prairie and forest regions

.526 5 Xeric formations

Adaptation of halophytes and xerophytes in salt marshes, alkaline soils, arid and semiarid regions, dunes, rocks

581.53 Nutritive adaptations
.533 Nutritive specialization
.533 3 Carnivorous and insectivorous plants
.533 4 Saprophytic plants

.54 Adaptations to climatic and seasonal conditions

.55 Communities
Socies, consocies, clans, colonies, mutualistic and antagonistic symbioses

.56 Reproductive adaptations

.57 Protective adaptations

.6 Economic botany
Plants beneficial and deleterious to man's needs

► 581.63–581.64 Beneficial plants
.63 Edible and medicinal plants
.632 Edible plants
.634 Medicinal plants

.64 Plants used in industry

► 581.65–581.69 Deleterious plants
.65 Weeds [*formerly* 632.58]

.67 Allergenic plants

.69 Deadly plants

.8 Histology and cytology
Divide like **574.8**, e.g., plant cytology **581.87**
For germ cells, see **581.172**

.9 Regional and geographical treatment
Divide like **574.9**, e.g., desert plants **581.909 54**

► **582–589 Taxonomic botany**

In this schedule coordination and subordination are shown by indention, not by length of number

If preferred, class according to a scheme oriented to the Universal Decimal Classification the details of which appear in Dewey Decimal Classification, Edition 14, p. 1893–1906

582 Spermatophyta (Seed-bearing plants)
Use **582.001–582.008** for standard subdivisions
For Angiospermae, see **583–584**; *Gymnospermae,* **585**

► 582.01–582.09 General principles
.01–.03 Physiology, pathology, maturation
Divide like **581.1–581.3**, e.g., embryology **582.033**

.04 Morphology and descriptive anatomy
.041 Circulatory organs
.042 Respiratory organs
.043 Digestive organs
.044 Secretory and excretory organs
.046 Reproductive organs [*formerly* 581.463–581.467]
.046 3 Flowers and their parts
.046 4 Fruit
.046 7 Seeds
.047 Motor and integumentary organs
.049 Topographic anatomy
Divide like **581.49**, e.g., stems **582.049 5**

.05–.09 Other general principles
Divide like **581.5–581.9**, e.g., mesic formations **582.052 64**

582.1 **Special groupings**

Class specific classes, orders, families in **583–585**

► 582.12–582.14 Herbaceous plants

Seed plants without persistent woody tissue

.12 General works

Class specific types in **582.13–582.14**

.13 Flowering plants

Class here comprehensive works on herbaceous and woody flowering plants

For woody flowering plants, see **582.15**

.14 Shrubs and vines

Succulent, carpet, mat, cushion, bush herbals

► 582.15–582.18 Woody plants

.15 General works

Flowering and nonflowering woody plants

Class specific types in **582.16–582.18**

.16 Trees (Dendrology)

Use **582.160 01 – 582.160 09** for standard subdivisions

.160 1–.160 9 General principles

Divide like **581.1–581.9**, e.g., ecology of trees [*formerly* **634.94**] **582.160 5**

.17 Shrubs

.18 Vines

► **583–584 Angiospermae (Flowering plants)**

Families listed under orders are based on Hutchinson, John, *The Families of Flowering Plants*, 1926–34

Class comprehensive works in **582.13**

583 **Dicotyledones (Dicotyledons)**

Divide by orders as below

If preferred, arrange alphabetically by families

.1 **Archichlamydeae**

For Apetalae, see **583.9**

.11 Ranales

Ranunculaceae (crowfoot family), Cabombaceae, Ceratophyllaceae (hornwort family), Nymphaeaceae (water-lily family)

.112 Dilleniales

Crossosomataceae, Dilleniaceae

.114 Magnoliales

Trochodendraceae, Cercidiphyllaceae, Magnoliaceae (magnolia family), Winteraceae, Schizandraceae, Himantandraceae, Lactoridaceae

.115 Anonales

Anonaceae (custard-apple family), Eupomatiaceae

.117 Berberidales

Menispermaceae, Berberidaceae (barberry family), Circaeasteraceae, Lardizabalaceae, Sargentadoxaceae

.12 Rhoeadales

Papaveraceae (poppy family), Fumariaceae

.121 Sarraceniales

Droseraceae, Sarraceniaceae (pitcher-plant family)

583.123 Cruciales

Cruciferae (mustard family)

.13 Capparidales

Capparidaceae, Moringaceae, Tovariaceae

.135 Violales

Resedaceae (mignonette family), Violaceae (violet family)

.138 Bixales

Cochlospermaceae, Canellaceae (wild cinnamon family), Samydaceae, Cistaceae, Flacourtiaceae, Bixaceae (annatto family)

.14 Polygalales

Trigoniaceae, Polygalaceae, Vochysiaceae (San Juan family)

.141 Pittosporales

Byblidaceae, Tremandraceae, Pittosporaceae (hedge laurel family)

.15 Caryophyllales

Elatinaceae (waterwort family), Molluginaceae, Ficoidaceae, Portulacaceae (purslane family), Caryophyllaceae (pink family)

.158 Tamaricales

Frankeniaceae, Fouquieraceae, Tamaricaceae (tamarisk family)

.16 Theales

Ochnaceae (red ironwood family), Ancistrocladaceae, Dipterocarpaceae, Chlaenaceae, Theaceae (tea, camellia family), Medusagynaceae, Marcgraviaceae, Caryocaraceae, Actinidiaceae, Saurauiaccae

.163 Guttiferales

Hypericaceae (Saint-John's-wort family), Eucryphiaceae, Quiinaceae, Guttiferae (balsam fig family)

.17 Malvales

Malvaceae (mallow, cotton family)

583.19 Tiliales

Sterculiaceae (coco family), Bombacaceae (silk-cotton tree family), Scytopetalaceae, Tiliaceae (linden family), Conystylaceae

.21 Geraniales

Limnanthaceae (false-mermaid family), Linaceae (flax family), Zygophyllaceae (lignum vitae family), Geraniaceae (geranium family), Oxalidaceae (wood-sorrel family), Tropaeolaceae (nasturtium family), Balsaminaceae (jewelweed family)

.214 Malpighiales

Humiriaceae, Erythroxylaceae, Malpighiaceae

.24 Rutales

Rutaceae (rue family), Simarubaceae (ailanthus family), Burseraceae (torchwood family)

.25 Meliales

Meliaceae (mahogany family)

.26 Olacales

Opiliaceae, Olacaceae

.27 Celastrales

Empetraceae (crowberry family), Cneoraceae, Pandaceae, Icacinaceae, Salvadoraceae, Stackhousiaceae, Celastraceae (staff-tree family), Corynocarpaceae, Cyrillaceae, Aquifoliaceae (holly family), Hippocrateaceae

.279 Rhamnales

Elaeagnaceae, Heteropyxidaceae, Ampelidaceae (grape family), Rhamnaceae (buckhorn family)

.28 Sapindales

Akaniaceae, Sabiaceae, Staphyleaccae, Anacardiaceae (cashew, sumac family), Connaraceae, Didiereaceae, Melianthaceae (honey plant family), Aceraceae (maple family), Sapindaceae (soapberry family)

583.29 Coriariales

Coriariaceae

.3 Rosales

Chailletiaceae, Calycanthaceae, Rosaceae (rose family)

.32 Leguminosae

Caesalpiniaceae (senna family), Mimosaceae (mimosa family), Papilionaceae (pea family)

.38 Saxifragales

Adoxaceae [*formerly* **583.53**], Crassulaceae, Cephalotaceae (Australian pitcher-plant family), Saxifragaceae (saxifrage family)

.394 Hamamelidales

Bruniaceae, Stachyuraceae, Buxaceae, Platanaceae, Hamamelidaceae (witch-hazel family), Eucommiaceae, Myrothamnaceae

.397 Cunoniales

Escalloniaceae, Grossulariaceae, Hydrangeaceae, Brunelliaceae, Greyiaceae, Cunoniaceae

.4 Myrtales

Myrtaceae (myrtle family), Lecythidaceae (Brazil-nut family), Melastomaceae (meadow-beauty family), Combretaceae (myrobalan family), Rhizophoraceae (mangrove family)

.44 Lythrales

Punicaceae (pomegranate family), Oliniaceae, Hydrocaryaceae, Halorrhagaceae, Callitrichiaceae, Onagraceae, Lythraceae (loosestrife family), Crypteroniaceae, Sonneratiaceae

.45 Passiflorales

Malesherbiaceae, Passifloraceae (passionflower family), Achariaceae

.453 Loasales

Turneraceae, Loasaceae

.46 Cucurbitales

Cucurbitaceae (gourd family), Begoniaceae (begonia family), Datiscaceae (false hemp family), Caricaceae (papaya family)

583.47 Cactales

Cactaceae (cactus family)

.48 Umbelliflorae

Cornaceae (dogwood family), Alangiaceae, Nyssaceae (tupelo family), Araliaceae (ginseng family), Umbelliferae (carrot family)

.5 Metachlamydeae (Sympetalae)

.52 Rubiales

Caprifoliaceae (honeysuckle family), Rubiaceae (madder family)

.53 Valerianales

Dipsacaceae (teasel family), Calyceraceae, Valerianaceae (valerian family)

Class Adoxaceae [*formerly* **583.53**] in **583.38**

.55 Asterales

Former heading: Compositae (Composites)

Common names: chicory, lettuce, thistles, calendulas, groundsels, camomiles, everlasting flowers, asters, sneezeweed, ironweed, ragweed, sunflowers

.57 Campanales

Campanulaceae (bluebell, bellflower family), Lobeliaceae (lobelia family), Goodeniaceae, Stylidiaceae

.6 Ericales

Clethraceae (white-alder family), Ericaceae (heath family), Vacciniaceae (huckleberry, wintergreen family), Epacridaceae, Monotropaceae (Indian-pipe family), Diapensiaceae (flowering-moss family), Lennoaceae

.67 Primulales

Primulaceae (primrose family), Plumbaginaceae (plumbago family)

.677 Myrsinales

Theophrastaceae, Myrsinaceae (marlberry family)

583.68 Ebenales

Ebenaceae (ebony family), Sapotaceae (sapodilla family)

.686 Styracales

Styracaceae (storax family), Symplocaceae (sweetleaf family), Diclidantheraceae, Lissocarpaceae

.7 Gentianales

Gentianaceae (gentian, buck-bean family)

.72 Apocynales

Asclepiadaceae (milkweed family), Apocynaceae (dogbane family)

.74 Loganiales

Oleaceae (olive family), Loganiaceae (Desfontianeaceae)

.76 Polemoniales

Polemoniaceae (phlox family), Hydrophyllaceae (waterleaf family)

.77 Boraginales

Boraginaceae (borage, forget-me-not family)

.79 Solanales

Convolvulaceae (morning-glory family), Solanaceae (nightshade family)

.8 Personales

Scrophulariaceae (snapdragon family), Orobanchaceae, Lentibulariaceae (bladderwort family), Columelliaceae, Gesneriaceae (gloxinia, African violet, flame violet), Bignoniaceae (catalpa family), Pedaliaceae (Pedalium, unicorn-plant family), Acanthaceae (acanthus family)

.87 Lamiales

Including Globulariaceae (globe daisy family), Myoporaceae, Selaginaceae, Phrymaceae (lopseed familv)

.88 Verbenaceae (Vervain family)

583.89 Labiatae (Mint family)

.899 Plantaginales

Plantaginaceae (plantain family)

.9 Monochlamydeae (Apetalae)

.91 Chenopodiales

Basellaceae, Phytolaccaceae (pokeweed family), Cynocrambaceae (dog cabbage family), Chenopodiaceae (goosefoot family), Batidaceae, Amarantaceae (amaranth family)

.917 Polygonales

Illecebraceae, Polygonaceae (buckwheat family)

.92 Podostemonales

Podostemonaceae (riverweed family), Hydrostachyaceae

.922 Aristolochiales

Aristolochiaceae, Cytinaceae, Hydnoraceae, Nepenthaceae (Indian pitcher-plant family)

.925 Piperales

Lacistemaceae, Piperaceae (pepper family), Saururaceae (lizard's-tail family), Chloranthaceae

.93 Laurales

Monimiaceae, Lauraceae (laurel family), Gomortegaceae, Myristicaceae, Hernandiaceae

.932 Proteales

Proteaceae (honeyflower family)

.933 Thymelaeales

Geissolomataceae, Penaeaceae, Nyctaginaceae (four-o'clock family), Thymelaeaceae

.94 Santalales

Balanophoraceae (Cynomorium), Octoknemataceae, Loranthaceae (mistletoe family), Santalaceae (sandalwood family), Grubbiaceae, Myzodendraceae

583.95 Euphorbiales
Euphorbiaceae (spurge family)

.96 Balanopsidales
Balanopsidaceae

.962 Urticales
Ulmaceae (elm family), Barbeyaceae, Moraceae (mulberry family), Scyphostegiaceae, Urticaceae (nettle family), Cannabinaceae

.97 Fagales
Betulaceae (birch family), Corylaceae, Fagaceae (beech, oak family)

.972 Leitneriales
Leitneriaceae (corkwood family)

.973 Juglandales
Juglandaceae (walnut family), Julianiaceae

.974 Myricales
Myricaceae (bayberry family)

.975 Casuarinales
Casuarinaceae (beefwood family)

.98 Salicales
Salicaceae (willow family)

.982 Garryales
Garryaceae (feverbush)

584 Monocotyledones (Monocotyledons)
Divide by orders as below
If preferred, arrange alphabetically by families

.13 Burmanniales
Burmanniaceae, Thismiaceae, Corsiaceae

584.15 Orchidales
Orchidaceae (orchid family)

.2 Haemodorales
Philydraceae, Haemodoraceae (bloodwort family), Hypoxidaceae, Velloziaceae (tree lily family), Apostasiaceae, Taccaceae

.21 Zingiberales
Musaceae (banana family), Strelitziaceae, Lowiaceae, Zingiberaceae (ginger family), Cannaceae (canna family), Marantaceae (arrowroot family)

.22 Bromeliales
Bromeliaceae (pineapple family)

.24 Iridales
Iridaceae (iris family)

.25 Amaryllidales
Amaryllidaceae (amaryllis family)

.27 Dioscoreales
Roxburghiaceae, Dioscoreaceae (yam family), Stenomeridaceae, Trichopodaceae

.3 Xyridales
Xyridaceae (yellow-eyed grass family), Rapateaceae

.32 Liliales
Pontederiaceae, Cyanastraceae, Smilacaceae (cat briers), Ruscaceae, Liliaceae (lily family), Tecophilaeaceae, Trilliaceae (trillium family)

.37 Mayacaceae (Mayaca family)

.38 Commelinales
Flagellariaceae, Commelinaceae (spiderwort family)
For Mayacaceae, see **584.37**

.42 Alstroemeriales
Alstroemeriaceae, Petermanniaceae, Philesiaceae

584.43 **Agavales**
Xanthorrhoeaceae, Agavaceae

.45 **Juncales**
Juncaceae (rush family), Thurniaceae, Centrolepidaceae, Restionaceae

.5 **Palmales**
Palmae (palm family)

.61 **Pandanales**
Pandanaceae (hala family)

.612 **Sparganiaceae (Bur-reed family)**

.613 **Typhaceae (Cattail family)**

.62 **Cyclanthales**
Cyclanthaceae

.64 **Arales**
Araceae (arum family), Lemnaceae (duckweed family)

.71 **Triuridales**
Triuridaceae

.72 **Najadales**
Najadaceae (najas family), Zannichelliaceae

.721 **Alismatales**
Scheuchzeriaceae, Alismataceae (water-plantain family), Petrosaviaceae

.73 **Butomales**
Hydrocharitaceae (frogbit family), Butomaceae (water-poppy family)

584.74 **Potamogetonales**
Potamogetonaceae (pondweed family), Ruppiaceae

.743 **Aponogetonales**
Aponogetonaceae (lattice-plant family), Zosteraceae

.744 **Juncaginales**
Juncaginaceae (arrow-grass family), Lilaeaceae, Posidoniaceae

.81 **Eriocaulales**
Eriocaulaceae (pipewort family)

.84 **Cyperales**
Cyperaceae (sedge family)

.9 **Graminales**
Gramineae and its tribes

.92 **Panicoideae**
Paniceae (millet grasses), Andropogoneae (sugar cane, kafir corn grasses), Maydeae (Indian corn grasses)

.93 **Pooideae**
Zoysieae, Oryzeae (rice grasses), Bambuseae (bamboo family), Festuceae (fescue grasses), Phalarideae (canary grasses), Agrosteae (fodder grasses), Aveneae (oat grasses), Hordeeae (wheat, barley, rye grasses), Chlorideae (gama grasses)

585 **Gymnospermae (Naked-seed plants)**
Divide by orders as below
If preferred, arrange alphabetically by families

.1 **Gnetales**
Gnetaceae (gnetum family), Welwitschiaceae (welwitschia family), Ephedraceae (ephedra, Mormon tea family)

.2 **Coniferales (Conifers)**
Podocarpaceae (podocarp family), Phyllocladaceae (phyllocladus family), Taxaceae (yew family), Araucariaceae (araucaria family), Pinaceae (pine family), Taxodiaceae (bald cypress family), Cupressacee (cypress family)

585.7 **Ginkgoales**

Ginkgoaceae (maidenhair trees, ginkgo trees)

.9 **Cycadales (Cycads)**

Cycadaceae, Zamiaceae (sage palm family)

586 Cryptogamia (Seedless plants)

Use **586.001–586.008** for standard subdivisions

For Pteridophyta, see **587**; *Bryophyta,* **588**; *Thallophyta,* **589**

.01–.09 General principles

Divide like **581.1–581.9**, e.g., anatomy of reproductive organs [*formerly* **581.462**] **586.046**

587 Pteridophyta (Vascular cryptogams)

.1 **Isoetales (Quillworts)**

Isoetes

.2 **Sphenopsida**

Equisetaceae (horsetail family)

.3 **Filicineae**

.31 Filicales (Ferns)

Osmundaceae (flowering fern family), Schizaeaceae (curly grass family), Gleicheniaceae (gleichenia family), Hymenophyllaceae (filmy fern family), Dicksoniaceae (Dicksonia family), Cyatheaceae (cyathea family), Polypodiaceae (polypody family), Marsiliaceae (water clover family), Salviniaceae (salvinia family)

.33 Eusporangiated ferns

Ophioglossales (adder's tongue, grape, rattlesnake ferns), Marattiales

.4 **Psilopsida**

Psilotales

.9 **Lycopsida (Club mosses)**

Lycopodiales, Selaginellales

For Isoetales, see **587.1**

588 Bryophyta

.1 **Sphagnales**

Sphagnaceae (peat and bog mosses)

.2 **Musci (True mosses)**

Bryales (common mosses), Andreaeales (black mosses)

For Sphagnales, see **588.1**

.3 **Hepaticae (Liverworts)**

Ricciaceae, Marchantiaceae (great liverworts), Jungermanniaceae (scale mosses)

.32 **Anthocerotales (Hornworts)**

589 Thallophyta

.1 **Lichenes (Lichens)**

Symbiotic associations of fungi and algae

.2 **Eumycophyta (True fungi)**

Scope: mycology

For Lichenes, see **589.1**

.22 Basidiomycetes (Basidium fungi)

.221 Lycoperdales (Puffballs and related fungi)

Hymenogastrales (false tubers), Nidulariales (bird's-nest fungi), Phallales (stinkhorn fungi)

.222 Agaricales (Mushrooms and related fungi)

Agaricaceae (gill fungi), Polyporaceae (pore fungi)

.225 Uredinales (Rust fungi)

.227 Ustilaginales (Smut fungi)

.23 Ascomycetes (Sac fungi)

Plectomycetes, Discomycetes, Pyrenomycetes

Common names: yeasts, Penicillium, mildews, cup fungi, black rot, ergot

For downy mildews, see **589.252**

.24 Deuteromycetes (Imperfect fungi)

Moniliales (Hypomycetales), Sphaeropsidales, Melanconiales

589.25 Phycomycetes (Molds)

.252 Peronosporales (Downy mildews)

.26 Saprolegniales (Water molds)

.28 Mucorales and other Phycomycetes

Mucorineae (black mold), Entomorphthorales (fly fungi), Chytridiales (chytrids)

.29 Myxomycophyta (Slime molds)

Stemonitaceae and Arcyriaceae

.3 Algae (Phycology)

For Cyanophyta, see **589.8**

.41 Rhodophyta (Red algae)

Bangioideae and Florideae (red seaweeds, sea mosses)

.43 Pyrrophyta (Dinoflagellates)

Desmomonadales, Prorocentrales, Gymnodiniales, Amphilothales, Kolkwitziellales, Dinophysiales, Peridiniales, Rhizodiniales, Dinococcales, Dinotrichales

.44 Euglenophyta (Euglenoids)

Euglenaceae, Colaciaceae, Astasiaceae, Peranemaceae

.45 Phaeophyta (Brown algae)

Ectocarpales (kelps), Sphacelariales, Cutleriales, Tilopteridales, Chordariales, Sporochnales, Desmarestiales, Dictyosiphonales, Laminariales, Fucales (seaweeds, rockweeds)

.47 Chlorophyta (Green algae)

Conjugales, Charales, Volvocales, Chlorococcales, Ulotrichales, Siphonales, Cladophorales, Chaetophorales, Oedogoniales

.48 Chrysophyta (Golden algae)

Xanthophyceae (yellow-green algae) and Chrysophyceae

For Bacillariophyceae, see **589.62**

.62 Bacillariophyceae (Diatoms)

Centrales, Pennales, phytoplankton

For a specific phytoplankton, see the subject, e.g., Dinoflagellates **589.43**

589.7 Schizophyta (Fission plants)

For Schizomycetes, see **589.9**; *Eumycophyta,* **589.2**; *Cyanophyta,* **589.8**

.8 Cyanophyta (Blue-green algae)

Chroococcaceae, Chamaesiphonaceae, Clastidiaceae, Stigonemataceae, Nostocaceae, Rivulariaceae, Scytonemataceae, Oscillatoriaceae

Common names: Myxophyceae, Schizophyceae, Cyanophyceae

.9 Schizomycetes (Bacteriology)

Use **589.900 1 – 589.900 8** for standard subdivisions

.901–.909 General principles

Divide like **581.1–581.9**, e.g., anaerobic respiration **589.901 21**

.92 Actinomycetales

Mycobacteriaceae, Actinomycetaceae

.93 Chlamydobacteriales

Chlamydobacteriaceae

.94 Caulobacteriales

Nevskiaceae, Gallionellaceae, Caulobacteriaceae, Pasteuriaceae

.95 Eubacteriales

Nitrobacteriaceae, Rhizobiaceae, Pseudonomadaceae, Acetobacteriaceae, Azotobacteriaceae, Micrococcaceae, Neisseriaceae, Parvobacteriaceae, Lactobacteriaceae, Enterobacteriaceae, Bacteriaceae, Bacillaceae

.96 Thiobacteriales

Rhodobacteriaceae, Beggiatoaceae, Achromatiaceae

.98 Myxobacteriales

Archangiaceae, Sorangiaceae, Polyangiaceae, Myxococcaceae

.99 Spirochaetales

Spirochaetaceae

590 Zoological sciences

For taxonomic paleozoology, see **562–569**

.74 Exhibits

For arrangement in museums, see **579.7**

.742 Museums

.744 Zoological gardens

591 Zoology

Class specific classes, orders, families in **592–599**

.09 Historical treatment

Class regional and geographical treatment in **591.9**

SUMMARY

591.1	**Physiology**
.2	**Pathology**
.3	**Maturation**
.4	**Morphology and descriptive anatomy**
.5	**Ecology**
.6	**Economic zoology**
.8	**Histology and cytology**
.9	**Regional and geographical treatment**

.1 Physiology

For human physiology, see **612**

.11 Circulation

.12 Respiration

.13 Nutrition and metabolism

.14 Secretion and excretion

.15 Genetics

Heredity and variation

Divide like **581.15**, e.g., mutations **591.159 2**

.16 Reproduction

Divide like **574.16**, e.g., parthenogenesis **591.162**

.17 Histogenesis

Microscopic study of germ cells

591.18 Movements

Response to external stimuli, locomotion

.19 Physics and chemistry of vital processes

.191 Biophysics

Divide like **574.191**, e.g., effects of gamma rays **591.191 56**

.192 Biochemistry

Including its subdivisions [*formerly* **591.193–591.196**]

Divide like **574.192**, e.g., enzymes **591.192 5**

For metabolism, see **591.13**

[.193–.196] Subdivisions of biochemistry

Class in **591.192**

.2 Pathology

.3 Maturation

.32 Gametogenesis

Formation and maturation of sex cells

For histogenesis, see **591.17**

.33 Embryology

.34 Metamorphoses

.36 Production and differentiation of sexes

.38 Evolution

.4 Morphology and descriptive anatomy

For human anatomy, see **611**

.41 Circulatory organs

.42 Respiratory organs

.43 Digestive organs

.44 Secretory and excretory organs

.46 Reproductory organs

.47 Muscular, skeletal, integumentary organs

.48 Organs of nervous system

.49 Topographic anatomy

591.5 Ecology

.51 Behavior patterns in nature

For specific patterns, see the subject, e.g., hibernation 591.543

.52 Migrations

.53 Nutritive adaptations

Including food chains and cycles

.54 Adaptations to meteorological factors

.542 Adaptations to climatic conditions

Adaptations to storms, rain, drought

.543 Adaptations to seasonal changes

Hibernation and estivation

.55 Communities

Aggregations, mutualistic and antagonistic symbioses

.56 Reproductive adaptations

.57 Protective adaptations

.59 Communication and production of sound

.6 Economic zoology

Animals beneficial and deleterious to man's needs

.69 Poisonous animals

.8 Histology and cytology

For germ cells, see 591.17

.9 Regional and geographical treatment

Divide like 574.9, e.g., animals of desert regions 591.909 54

► 592–599 Taxonomic zoology

In this schedule coordination and subordination are shown by indention, not by length of number

592 **Invertebrates**

Use 592.001–592.008 for standard subdivisions

For Protozoa, Parazoa, Metazoa, see 593; *Mollusca and molluscoidea,* 594; *other invertebrates,* 595

.01–.09 General principles

Divide like 591.1–591.9, e.g., poisonous invertebrates 592.069

593 **Protozoa, Parazoa, Metazoa**

.1 Plasmodroma and Mastigophora

Chysomonadina, Cryptomonadina, Phytomonadina, Euglenoidina, Chloromonadina, Dinoflagellata, Rhizomastigina, Protomonadina, Polymastigina, Hypermastigina

.11 Sarcodina and Rhizopoda

.113 Proteomyxa

.115 Mycetozoa

Eumycetozoa, Sorophora

.117 Amoebina

.118 Testacea

.12 Foraminifera

.13 Actinopoda

.132 Heliozoa

.14 Radiolaria

.17 Ciliophora

.172 Ciliata, Protociliata, Euciliata

Holotricha, Spirotricha, Chonotricha, Peritricha

.175 Suctoria

.19 Sporozoa

Telosporidia, Acnidosporidia, Cnidosporidia

593.4 **Porifera (Sponges)**

.42 Calcispongiae

Asconosa, Syconosa

.44 Hyalospongiae

Hexasterophora, Amphidiscophora

.46 Desmospongiae

Carnosa, Choristida, Epipolasida, Hadromerina, Poecilosclerina, Haplosclerina, Keratosa

.5 **Coelenterata**

For Anthozoa, see **593.6**; *Hydrozoa and related orders,* **593.7**

.6 **Anthozoa**

Alcyonaria, Ceriantharia, Antipitharia, Dodecacorallia

Common names: sea anemones, corals, sea fans, sea pens

.7 **Hydrozoa and related orders**

Hydroida, Trachylina, Milleporina, Stylasterina, Siphonophora

Common names: jellyfish, hydras, medusas, hydroid polyps

.73 Scyphozoa

Lucernariidea, Charybdeidea, Corona, Semaeostomeae, Rhizostomeae

.8 **Ctenophorae**

Tentaculata, Nuda

Common names: sea walnuts, comb jellies

.9 **Echinodermata, Enteropneusta, Linguatula**

.91 Crinoidea (Sea lilies)

Flexibilia, Articulata, Comatulida

.93 Asteroidea (Starfish)

Phanerozonea, Spinulosa, Forcipulata

593.94 Ophiuroidea

Phrynophiurida, Laemophiurida, Gnathophiurida, Chilophiurida

Common names: brittle stars, basket stars

.95 Echinoidea

Cidaroida, Centrechinoida, Exocycloida, Perischoechinoida, Echinocystoida, Perichoechinoida

Common names: sea urchins, sand dollars

.96 Holothurioidea (Sea cucumbers)

Dendrochirota, Elasipoda, Aspidochirota, Molpadonia, Apoda

.99 Enteropneusta and Linguatula

.992 Linguatula

.993 Balanoglossida

594 Mollusca and molluscoidea

Use **594.000 1 – 594.000 9** for standard subdivisions

.001–.008 Standard subdivisions of Mollusca

.01–.09 General principles of Mollusca

Divide like **591.1–591.9**, e.g., ecology of mollusks **594.05**

► **594.1–594.5 Specific classes, orders, families of Mollusca**

.1 **Pelecypoda (Bivalve mollusks)**

Prionodesmacea, Anomalodesmacea, Teleodesmacea

Common names: clams, mussels, oysters, shipworms

.19 **Crepipoda (Polyplacophora, Amphineura)**

Eoplacophora, Aplacophora, Mesoplacophora, Isoplacophora, Teleoplacophora

.2 **Scaphopoda (Toothshells)**

.3 **Gastropoda**

Snails, slugs, whelks

.32 Prosobranchia

Archaeogastropoda, Mesogastropoda, Neogastropoda

594.35 Pteropoda and Sacoglossa
Common names: sea slugs, sea lemons, sea hares

.36 Acoela
Notaspidea and Nudibranchia

.37 Tectibranchia

.38 Pulmonata
Basommatophora and Stylommatophora

.5 Cephalopoda

.52 Nautiloidea (Nautilus)

.55 Vampyromorpha

.56 Octopoda
Common names: octopuses, cuttlefish, squids, devilfish

.58 Decapoda

.6 Molluscoidea
For Phoronidea, see 595.176

.7 Bryozoa
Common names: sea mats, moss animals

.71 Gymnolaemata
Cyclostomata, Trepostomata, Cryptostomata, Ctenostoma

.72 Phylactolaemata

.73 Pterobranchia

.8 Brachiopoda (Lamp shells)

595 Other invertebrates

SUMMARY

595.1 Wormlike animals
.2 Arthropoda
.3 Crustacea and related classes
.4 Arachnida
.5 Onychophora
.6 Progoneata
.7 Insecta (Insects)

595.1 **Wormlike animals**

.12 Platyhelminthes (Flatworms)

.121 Cestoidea
Cestodaria, Cestoda (tapeworms)

.122 Trematoda (Flukes)
Monogenea, Aspidogastrea, Digenea

.123 Turbellaria (Planarians)
Acoela, Rhabdocoela, Alloiocoela, Tricladida, Polycladida

.124 Nemertea
Anopla, Enopla

.13 Nematoidea (Roundworms)
Phasmidia, Aphasmidia

.131 Nematomorpha (Horsehair worms)
Gordididea, Nectonematoidea

.133 Acanthocephala
Eoacanthocephala, Metacanthocephala

.135 Chaetognatha and Entoprocta

.14 Annelida (Segmented worms)
For Myzostoma, see 595.178

.142 Archiannelida

.15 Hirudinea (Leeches)
Rhynchobdellida, Gnathobdellida, Pharyngobdellida

.16 Oligochaeta (Earthworms)
Plesipora, Ophisthopora, Prosopora

.17 Polychaeta
Errantia, Sedentaria, Aplacophora

.174 Gephyrea
Echiuroidea, Sipunculoidea, Priapuloidea

595.176 Phoronidea

.178 Myzostoma

.18 Aschelminthes

Tardigrada (water bears), Rotatoria (wheel animalcules), Gastrotricha, Echinodera

For Nematomorpha, see **595.131**; *Nematoidea,* **595.13**

.2 Arthropoda

For Crustacea and related classes, see **595.3**; *Progoneata,* **595.6**

.3 Crustacea and related classes

.32 Branchiopoda

Anostraca, Notostraca, Conchostraca, Cladocera

.33 Ostracoda

Myodocopa, Cladocopa, Podocopa, Platycopa

.34 Copepoda

Eucopepoda and Branchiura

Common names: cyclops, fish lice

.35 Cirripedia (Barnacles)

Thoracica, Ascothoracica, Apoda, Rhizocephala

.36 Liptostraca

.37 Eumalacostraca

.371 Amphipoda (Sand fleas)

Gammaridea, Hyperiidea, Caprellidea, Ingolfiellidea

.372 Isopoda

Flabellifera, Valvifera, Asellota, Phreatoicidea, Epicaridea, Oniscoidea (sow bugs, wood lice)

.373 Thermosbaenacea

.374 Tanaidacea

.381 Cumacea

595.382 Stomatopoda

Common names: sea mantles, glass crabs, mantis shrimps, squillas, sea onions

.383 Mysidacea (Opossum shrimps)

.384 Decapoda

.384 1 Macrura (Lobsters, crayfish)

.384 2 Brachyura (Crabs)

.384 3 Natantia (Shrimps)

.384 4 Anomura (Hermit crabs, king crabs)

.385 Euphausiacea

.39 Chelicerata

For Arachnida, see **595.4**

.392 Xiphosura (Horseshoe crabs)

.394 Pycnogonida (Sea spiders)

Colossendeomorpha, Nymphonomorpha, Ascorhynchomorpha, Pycnogonomorpha

.4 Arachnida

.42 Acari (Mites, ticks)

Notostigmata, Holothyroidea, Parasitiformes, Trombidiformes, Sarcoptiformes, Tetrapodili

.43 Phalangida (Harvestmen, daddy longlegs)

.44 Araneida (True spiders)

.45 Palpigradi (Whip scorpions)

.46 Scorpiones (Scorpions)

.47 Pseudoscorpiones (Fake scorpions)

.48 Solifugae (Weasel spiders)

.5 Onychophora

.6 Progoneata

For Insecta, see **595.7**

.61 Diplopoda (Millipedes)

Pselaphognatha, Chilognatha

595.62 Opisthogoneata

Chilopoda (centipedes)

.63 Symphyla

.64 Pauropoda

.7 Insecta (Insects)

Use **595.700 1 – 595.700 8** for standard subdivisions

.701–.709 General principles

Divide like **591.1–591.9**, e.g., insect morphology **595.704**

.71 Synaptera

Collembola (springtails), Protura, Entotrophi, Thysanura (bristletails)

.72 Orthoptera and related orders

.721 Dermaptera (Earwigs)

.722 Blattariae (Cockroaches)

.724 Phasmatodea (Walking sticks)

.725 Mantodea (Mantises)

.726 Orthoptera

Common names: grasshoppers, crickets, locusts, katydids

.73 Thysanoptera and related orders

.731 Thysanoptera (Thrips)

.732 Corrodentia (Book lice, bark lice)

.733 Odonata (Dragonflies, damselflies)

.734 Ephemeroptera (Mayflies)

.735 Plecoptera (Stoneflies)

.736 Isoptera (Termites)

.737 Embioptera

.738 Zoraptera

.74 Neuroptera and related orders

.742 Megaloptera (Ant lions)

.744 Mecoptera (Scorpion flies)

595.745 Trichoptera (Caddis flies)

.746 Strepsiptera

.747 Neuroptera

Common names: lacewings, snake flies, dobson flies

.75 Hemiptera and related orders

.751 Apterous insects (Lice)

.751 2 Anoplura (True lice)

.751 4 Mallophaga (Bird lice)

.752 Homoptera

Common names: aphids, cicadas, leaf hoppers, scale insects

.754 Heteroptera (True bugs)

.76 Coleoptera (Beetles)

.762 Adephaga

Caraboidea, Gyrinoidea, Cupoidea, Rhysodoidea

.764 Polyphaga

Hydrophiloidea, Staphylinoidea, Cucujoidea, Cantharoidea, Dryopoidea, Dascylloidea, Histeroidea, Tenebrionoidea, Cerambycoidea, Scarabaeoidea

Common names: burying beetles, larder beetles, leaf beetles, dung beetles, June beetles, rose chafers

.765 Elateroidea (Wireworms, click beetles)

.767 Mordelloidea (Ship-timber and blister beetles)

.768 Curculionoidea (Weevils)

.769 Colydioidea (Powder-post and ladybird beetles)

.77 Diptera and related orders

.771 Orthorrhapha

Common names: midges, gnats, mosquitoes; crane, moth, horse, bee, robber flies

.774 Cyclorrhapha

Common names: fruit, vinegar, house, blow, Tachina, louse flies

.775 Siphonaptera (Fleas)

595.78 Lepidoptera
Including Jugatae, Frenatae (moths)

.789 Rhopalocera (Butterflies)

.79 Hymenoptera

.796 Formicidae (Ants)

.798 Vespidae (True wasps)

.799 Apidae (Bees)

596 Chordata (Vertebrates)

Use **596.001–596.008** for standard subdivisions

For Anamnia, see **597**; *reptiles and birds,* **598**; *Mammalia,* **599**

.01–.09 General principles
Divide like **591.1–591.9**, e.g., comparative anatomy of vertebrates **596.04**

.2 **Tunicata (Sea squirts and sea grapes)**
Ascidiacea, Larvacea, Thaliacea

597 Anamnia (Cyclostomes, fishes, amphibians)

Use **597.001–597.009** for standard subdivisions

.01–.09 General principles of fish
Divide like **591.1–591.9**, e.g., protective adaptations of fish **597.057**

.2 **Cyclostomata (Lampreys)**

.3 **Chondrichthyes**

► 597.31–597.35 Elasmobranchii

.31 Selachii (Sharks)
Heterodontoidea, Notidanoidea, Galeoidea, Squaloidea

.35 Batoidea
Common names: skates, rays, torpedoes, guitarfishes, sawfishes

.38 Chimaerae (Chimeras)

► 597.4–597.5 Osteichthyes

597.4 Actinopterygii and related orders

.41 Amioidea (Bowfins, river dogfishes)

.42 Polypterini (Ganoids)

.44 Acipenseroidei
Common names: sturgeons, paddlefishes, spoonbills

.46 Crossopterygii (Lobe-finned fishes)
For Lepisosteidae, see **597.47**

.47 Lepisosteidae (Gars)

.48 Dipnoi (Lung fishes)

.5 Teleostei
Divide by orders as below
If preferred, arrange alphabetically by orders

.51 Apodes (Morays and true eels)

.52 Ostariophysi
Cyprinoidea, Siluroidea
Common names: carps, suckers, barbels, loaches, catfishes

.53 Mesichthyes
Haplomi, Iniomi, Cyprinodontes, Synentognathi, Thoracostei, Salmopercae
Common names: pikes, killifishes, top minnows, garfishes, flying fishes, halfbeaks, sticklebacks, pipefishes, sea horses, pirate perch

.55 Isospondyli
Clupeoidea, Salmonoidea, Opisthoproctoidea, Osteoglossoidea, Stomiatoidea, Gonorhynchoidea
Common names: herrings, salmon, arapaimas, dragonfishes, trout, tarpons, lantern fishes

597.58 Acanthopterygii

Berycoidea, Zeoidea, Percoidea, Carangoidea, Scombroidea, Trachinoidea, Blennioidea, Anacanthini, Chaetodontoidea, Plectognathi, Heterosomata, Scorpaenoidea, Batrachoidea, Pediculati, Gobioidea, Anabantoidea, Mugiloidea, Polynemoidea, Ammodytoidea, Echeneoidea, Xenopterygii, Allotriognathi, Opisthomi, Synbranchii

Common names: snappers, John Dorys, perches, basses, gobies, mackerels, blennies, pompanos, tunas, albacores, bonitos, swordfishes

.6 Amphibia

For Apoda, see **597.7**; *Salientia,* **597.8–597.9**

.7 Apoda (Caecilians)

► **597.8–597.9 Salientia**

.8 Anura (Frogs and toads)

Amphicoela, Opisthocoela, Anomocoela, Procela, Diplasiocoela

.9 Urodela (Salamanders, newts, mud puppies)

Crytobranchoidea, Amblystomoidea, Salamandroidea, Proteidea

598 Reptiles and birds

.1 Reptilia (Reptiles)

Scope: herpetology

For Amphibia, see **597.6**

.11 Lepidosauria

For Serpentes, see **598.12**

.112 Lacertilia (Lizards)

.119 Rhynchocephalia (Tuataras) [*formerly* 598.139]

.12 Serpentes (Snakes)

.13 Chelonia (Turtles, tortoises)

Pleurodira and Cryptodira

[.139] Rhynchocephalia (Tuataras)

Class in **598.119**

.14 Crocodilia (Crocodiles, alligators)

598.2 **Aves (Birds)**

For specific orders of birds, see **598.3–598.9**

.201 Philosophy and theory

.201 3 Protective measures

.207 Study and teaching

.207 2 Research

.207 23 Birdbanding and census taking

.207 3 Bird watching

.209 History of ornithology

Class regional and geographical treatment in **598.29**

.21–.28 General principles

Divide like **591.1–591.8**, e.g., bird migrations **598.252**

.29 Regional and geographical treatment

.291 Zonal and physiographic treatment

Divide like **574.909**, e.g., birds in desert regions **598.291 54**

.292 Special groupings

.292 2 Land birds

.292 3 Shore birds

.292 4 Water birds

.293–.299 Geographical treatment

Add area notations **3–9** to **598.29**

► **598.3–598.9 Specific orders of birds**

.3 Gruiformes and related orders

Including Mesoenatides, Turnices, Grues, Heliornithes, Rhynocheti, Eurypygae, Cariamae, Otides

Common names: cranes, limpkins, rails, gallinules, coots

.33 Charadriiformes

Charadrii, Lari, Alcae

Common names: gulls, skimmers, terns, puffins, auks, murres, jacanas, oyster catchers, plovers, turnstones, woodcock, snipe, sandpipers, curlews, avocets, stilts, phalaropes

598.34 Ciconiiformes

Ardeae, Balaenicipites, Ciconiae, Phoenicopteri

Common names: herons, bitterns, egrets, storks, ibises, spoonbills, flamingos

.4 Anseriformes and related orders

Including Anhimae and Anseres

Common names: swans, geese, ducks, mergansers, screamers

.42 Procellariiformes

Common names: albatrosses, shearwaters, fulmars, petrels

.43 Pelecaniformes

Phaëthontes, Pelecani, Fregatae, Odontopteryges

Common names: tropic birds, pelicans, gannets, boobies, cormorants, darters, snakebirds, man-o'-war birds

.44 Sphenisciformes (Penguins)

.442 Gaviiformes (Loons)

.443 Colymbiformes (Grebes)

.5 Palaeognathae

.51 Struthioniformes (Ostriches)

.52 Rheiformes (Rheas)

.53 Casuariiformes (Cassowaries, emus)

.54 Apterygiformes (Kiwis)

.55 Tinamiformes (Tinamous)

.6 Galliformes and Columbiformes

.61 Galli

Common names: curassows, guans, grouse, quails, pheasants, turkeys, domestic chickens

.64 Opisthocomo (Hoatzins)

.65 Columbiformes

Pterocletes and Columbae

Common names: sand grouse, pigeons, doves

598.7 Psittaciformes

Common names: parrots, parakeets, macaws, lories

.72 Piciformes

Galbulae and Pici

Common names: jacamars, puffbirds, barbets, honey guides, toucans, woodpeckers, flickers, piculets

.73 Trogoniformes (Trogons)

.74 Cuculiformes

Musophagi and Cuculi

Common names: plantain eaters, cuckoos, roadrunners, anis

.8 Passeriformes (Passerine, perching birds)

Divide by families as below

If preferred, arrange alphabetically by families

.81 Tyrannidae (Flycatchers)

.812 Alaudidae (Larks)

.813 Hirundinidae (Swallows)

.82 Paridae (Titmice)

.822 Sittidae (Nuthatches)

.823 Certhiidae (Creepers)

.83 Chamaeidae (Wren-tits)

.832 Cinclidae (Dippers)

.833 Troglodytidae (Wrens)

.84 Mimidae (Thrashers and mockingbirds)

.842 Turdidae (Thrushes)

.843 Sylviidae (Gnatcatchers and kinglets)

.85 Motacillidae (Wagtails and pipits)

.852 Bombycillidae (Waxwings)

.853 Ptilogonatidae (Silky flycatchers)

.86 Corvidae (Crows, magpies, jays)

.862 Laniidae (Shrikes)

598.863 Sturnidae (Starlings)

.87 Vireonidae (Vireos)

.872 Parulidae (Wood warblers)

.873 Ploceidae (Weaver finches)

.88 Icteridae (Blackbirds)

.882 Thraupidae (Tanagers)

.883 Fringillidae

Common names: grosbeaks, finches, sparrows, buntings

.89 Coraciiformes

Alcedines, Meropes, Coracii, Bucerotes

Common names: kingfishers, rollers, todies, motmots, bee eaters, hoopoes, hornbills

.899 Apodiformes

Apodi and Trochili

Common names: swifts, hummingbirds

.9 Falconiformes (Birds of prey)

Including Cathartae and Falcones

Common names: hawks, falcons, buzzards, vultures, ospreys, eagles

.97 Strigiformes (Owls)

.99 Caprimulgiformes

Steatornithes and Caprimulgi

Common names: oilbirds, frogmouths, potoos, goatsuckers

599 Mammalia (Mammals)

Use **599.001–599.008** for standard subdivisions

.01–.09 General principles

Divide like **591.1–591.9**, e.g., physiology of nervous system **599.018**

SUMMARY

599.1 Monotremata
.2 Marsupialia
.3 Unguiculata and Glires
.4 Chiroptera (Bats)
.5 Cetacea and Sirenia
.6 Paenungulata
.7 Mesaxonia, Paraxonia, Ferungulata
.8 Primates
.9 Hominidae (Man)

599.1 Monotremata

Common names: spiny anteaters, platypuses

.2 Marsupialia

Common names: opossums, opossum rats, kangaroos, marsupial mice, wallabies, bandicoots, phalangers, koalas, wombats

.3 Unguiculata and Glires

For Chiroptera, see **599.4**; *Primates,* **599.8**

.31 Edentata

Xenarthra and Pholidota

Common names: armadillos, anteaters, sloths, pangolins

.32 Glires

.322 Lagomorpha

Common names: pikas, hares, rabbits

.323 Rodentia (Rodents)

.323 2 Sciuromorpha

Common names: sewellels, squirrels, beavers

.323 3 Myomorpha

Common names: rats, mice, lemmings

.323 4 Hystricomorpha

Common names: porcupines, guinea pigs, cavies, agoutis, chinchillas, hamsters

.33 Insectivora

Common names: solenodons, moles, shrews, desmans, tenrees

.34 Dermoptera (Flying lemurs)

599.4 **Chiroptera (Bats)**

Megachiroptera and Microchiroptera

.5 **Cetacea and Sirenia**

.51 Mysticeti

Common names: baleen whales, whalebone whales, finbacks, humpback whales

.53 Odontoceti

Common names: sperm whales, beakt whales, cowfish, narwhals, white whales, dolphins, porpoises

.55 Sirenia (Sea cows)

Common names: manatees, dugongs

.6 **Paenungulata**

For Sirenia, see 599.55

.61 Proboscidea (Elephants)

.62 Hyracoidea

Common names: conies, dassies, rock hyraxes, tree hyraxes

.7 **Mesaxonia, Paraxonia, Ferungulata**

.72 Perissodactyla

.725 Equidae (Horses, asses, zebras)

.727 Tapiridae (Tapirs)

.728 Rhinocerotidae (Rhinoceroses)

.73 Artiodactyla

.734 Suiformes

Common names: pigs, boars, wart hogs, babirussas, peccaries, hippopotamuses

.735 Ruminantia (Ruminants)

.735 5 Tragulida (Chevrotains)

.735 7 Cervoidea

Common names: giraffes, okapis, deer, elk, moose, reindeer, caribou

599.735 8 Bovoidea

Common names: antelopes, cattle, oxen, buffaloes, bison, elands, bongos, kudus, gazelles, sheep, goats, musk oxen

.736 Tylopoda

Common names: camels, llamas, alpacas, vicuñas, guanacos

.74 Carnivora

.744 Fissipeda (Land carnivores)

.744 2 Feloidea

.744 22 Viverridae

Common names: civets, genets, mongooses, fossa

.744 26 Proteles (Aardwolves)

.744 27 Hyaenidae (Hyenas)

.744 28 Felidae (Cats)

.744 4 Canoidea

.744 42 Canidae

Common names: wolves, jackals, foxes, dogs, coyotes

.744 43 Procyonidae

Common names: raccoons, coatis, kinkajous, bassarisks, pandas

.744 46 Ursidae (Bears)

.744 47 Mustelidae

Common names: badgers, weasels, minks, martens, wolverines, skunks, otters

.745 Pinnipedia (Marine carnivores)

.746 Otariidae (Eared seals)

Common names: fur seals, sea lions, sea bears

.747 Odobenidae (Walruses)

.748 Phocidae (True seals)

Common names: earless seals, elephant seals

599.8 **Primates**

For Hominidae, see 599.9

.81 Prosimii

Lemuriformes, Lorisiformes, Tarsiiformes

.82 Cebidae, Callithricidae, Cercopithecidae

Common names: monkeys, marmosets, tamarins

► 599.88–599.9 Hominoidea

.88 Pongidae (Apes)

.882 Hylobatinae

Common names: gibbons, siamangs

.884 Ponginae

Common names: gorillas, chimpanzees, orangutans, baboons

.9 **Hominidae (Man)**

600

600 Technology (Applied sciences)

[.74] Museums and exhibits

Class in 607.34

[.78] Apparatus and instrumentation

Class in 602.8

601 **Philosophy and theory**

602 **Miscellany**

.7 **Identification marks**

Class patents and inventions in 608.7

.8 **Apparatus, instrumentation** [*both formerly* 600.78], **techniques**

603 **Dictionaries, encyclopedias, concordances**

604

605 **Serial publications**

606 **Organizations**

[.4] **Fairs, expositions, temporary exhibits, competitions**

Class fairs, expositions, temporary exhibits in 607.34, competitions in 607.39

607 **Study and teaching**

.2 **Industrial research (Products research)**

Add area notations 1–9 to 607.2

.3 **Other educational aspects**

.34 Museums and exhibits [*both formerly* 600.74]

Including fairs, expositions, temporary exhibits [*all formerly* 606.4]

607.35–.38 Collecting, review, programed teaching, use of equipment

Divide like standard subdivisions **075–078**, e.g., questions and answers **607.36**

.39 Competitions [*formerly* 606.4] and awards

.4–.9 In specific continents, countries, localities

Add area notations **4–9** to **607**

608 Collections, anthologies, patents, inventions

.7 Patents and inventions

Add area notations **1–9** to **608.7**

609 Historical and geographical treatment

610 Medical sciences

.6 Organizations and professions

.69 Medical professions

For nursing profession, see **610.73**

.695 Specific medical professions

Class medical records librarians in **362.1**, medical missionaries in **266.025**, medical secretaries in **651.374 1**

.695 2 Physicians and surgeons

.695 3 Medical technicians

.696 Physician-patient relationships

.7 Study, teaching, nursing practice

.72 Historical and descriptive research

Class experimental medicine in **619**

.73 Nursing profession

For home nursing, see **649.8**

.730 69 Personnel

.730 692 Professional nurses

610.730 693 Practical nurses

.730 698 Other

Attendants, aides, orderlies

.732 Private duty and special nursing

.733 Institutional nursing and ward management

.734 Red Cross and other public health nursing

If preferred, class in **614.073**

.734 3 Community and district nursing

Services of visiting nurses

.734 6 Occupational health nursing (Industrial nursing)

.734 9 Disaster nursing

.736 Specialized nursing

If preferred, class with the specialty, e.g., surgical nursing **617.073**

.736 2 Pediatric nursing

.736 5 Geriatric nursing

.736 7 Surgical and gynecological nursing

.736 77 Surgical nursing

.736 78 Obstetrical nursing

.736 8 Psychiatric nursing

.736 9 Communicable disease nursing

611 Human anatomy

Use **611.001–611.009** for standard subdivisions

.01 Abnormal, prenatal, microscopic anatomy

For pathology, see **616.07**

.012 Teratology

Congenital anomalies, deformities, monstrosities

.013 Anatomic embryology

611.018 Cytology and histology

.018 1 Cytology (Study of cells)

► 611.018 2 – 611.018 8 Histology

.018 2 Connective tissues

Areolar, collagenous, elastic, reticular, adipose, pigmented cells, fibers, ground substances

.018 3 Cartilaginous tissues

Hyaline, elastic, fibrous cartilage

.018 4 Osseous tissues

Spongy and compact bone cells and tissues, red and yellow bone marrow (medulla), periosteum, endosteum

.018 5 Blood and lymph elements

Blood plasma, red corpuscles (erythrocytes), white corpuscles (leucocytes), platelets (thrombocytes), lymph plasma, lymphocytes

.018 6 Muscular tissues

Smooth (nonstriated, involuntary), skeletal (striated, voluntary), cardiac (striated, involuntary) muscle tissues

.018 7 Epithelial tissues

Serous and mucous membranes; simple squamous, columnar, stratified squamous epithelia

.018 8 Nerve tissues

Neurons, interstitial nerve tissues (neuroglia, neurilemma, satellite cells), meninges, sheaths

► 611.1–611.9 Gross anatomy

SUMMARY

611.1 Cardiovascular organs
.2 Respiratory organs
.3 Digestive organs
.4 Lymphatic and glandular organs
.6 Urogenital organs
.7 Motor and integumentary organs
.8 Neuroanatomy
.9 Regional, surgical, topographical anatomy

611.1 Cardiovascular organs

.11 Pericardium

.12 Heart

Ventricles, auricles, endocardium, myocardium

For pericardium, see 611.11

► 611.13–611.15 Blood vessels

.13 Arteries

.14 Veins

.15 Capillaries

.2 Respiratory organs

.21 Nose and nasal accessory sinuses

.22 Larynx

Epiglottis, glottis, laryngeal muscles

.23 Trachea and bronchi

.24 Lungs

.25 Thoracic pleura

.26 Diaphragm

.27 Mediastinum

.3 Digestive organs

.31 Mouth

.313 Tongue

.314 Teeth

.315 Palate

.316 Salivary glands

.317 Lips

.318 Cheeks

.32 Pharynx, tonsils, esophagus

.33 Stomach and pylorus

611.34 Intestines

For rectum, see **611.35**

.341 Small intestines

Duodenum, jejunum, ileum

.345 Cecum and vermiform appendix

.347 Large intestines

Colon and sigmoid flexure

For cecum, see **611.345**

.35 Rectum, anus, perineum

.36 Biliary tract

Liver, gall bladder, bile ducts

.37 Pancreas and islands of Langerhans

.38 Peritoneum

Mesentery, omentum, coelum

.4 Lymphatic and glandular organs

.41 Spleen

.42 Lymphatic system

For lymphatic glands, see **611.46**

.43 Thymus gland

.44 Thyroid and parathyroid glands

.45 Adrenal glands

.46 Lymphatic glands

.49 Breasts and mammary glands

.6 Urogenital organs

.61 Kidneys and ureters

.62 Bladder and urethra [*formerly also* 611.67]

.63 Testicles, prostate, scrotum

.64 Penis

.65 Ovaries and Fallopian tubes

.66 Uterus and cervix

611.67 Vagina, hymen, vulva

Class urethra [*formerly* **611.67**] in **611.62**

.7 Motor and integumentary organs

.71 Bones

.711 Of spinal column

► 611.712–611.713 Of chest

.712 Ribs

.713 Sternum

.715 Of brainpan

.716 Of face

.717 Of upper extremity

Scapula, clavicle, humerus, radius, ulna, phalanges of the hands, carpal and metacarpal bones

.718 Of lower extremity

Hipbone, femur, patella, tibia, fibula, phalanges of the feet, tarsal and metatarsal bones

.72 Articulations (Ligaments and joints)

.73 Muscles

.731 Of back

.732 Of head

.733 Of neck

.734 Of tongue

.735 Of chest

.736 Of abdomen and pelvis

.737 Of upper extremity

Muscles of shoulders, arms, forearms, hands

.738 Of lower extremity

Muscles of hips, buttocks, thighs, legs, feet

611.74 Connective tissue

Tendons and fasciae

For ligaments, see **611.72**

.75 Bursae and sheaths of tendons

.77 Integument

For hair and nails, see **611.78**

.78 Hair and nails

.8 Neuroanatomy

.81 Brain

.82 Spinal cord

.83 Nerves and ganglions

► 611.84–611.88 Sense organs

.84 Eye

.85 Ear

.86 Olfactory organs

.87 Gustatory organs

.88 Tactile organs

.9 Regional, surgical, topographical anatomy

.91 Head

For face, see **611.92**

.92 Face

.93 Neck

.94 Thorax

.95 Abdomen

Epigastric thru lumbar regions

.96 Pelvic and perineal region

.97 Upper extremities

.98 Lower extremities

612 Human physiology

Use **612.001–612.009** for standard subdivisions

For pathology, see **616.07**

.01 Physics and chemistry of vital functions

.014 Biophysics

Effects of physical agents on human system

For physiological effects of heat and cold, see **612.59**

.014 4 Terrestrial factors

.014 41 Mechanical factors

Divide like **574.191 3**, e.g., pressures **612.014 415**

.014 42 Electricity

.014 44 Visible light waves

.014 45 Sound vibrations

.014 48 Radiations and microwaves

Divide like **574.191 5**, e.g., gamma rays **612.014 486**

For visible light waves, see **612.014 44**

.014 5 Space physiology (Bio-astronautics)

Divide like **574.191 3 – 574.191 7**, e.g., gravitational effects **612.014 532**

.015 Biochemistry

Class metabolism in **612.39**, hormones in **612.405**

.015 1 Enzymes and enzyme-catalyzed reactions

Divide like **574.192 5**, e.g., saccharolytic enzymes **612.015 14**

.015 2 Chemical composition

Divide like **574.192 1**, e.g., mineral components **612.015 24**

.015 4 Biosynthesis

Divide like **574.192 9**, e.g., pigments **612.015 47**

.018 Tissue and organ culture

► 612.1–612.8 Specific systems and organs

Functions, biophysics, biochemistry, innervation

SUMMARY

612.1	Circulatory and hemic systems
.2	Respiratory system
.3	Nutrition
.4	Lymphatic, endocrine, exocrine systems
.5	Body temperature
.6	Reproductive system and developmental periods
.7	Motor and integumentary systems
.8	Nervous system

612.1 Circulatory and hemic systems

Class circulation in a specific system or organ with the system or organ

For lymphatic system, see 612.42

SUMMARY

612.11	Blood
.12	Chemical components of blood
.13	Blood vessels and circulation
.14	Blood pressure and sphygmomanometry
.17	Heart
.18	Vasomotors

.11 Blood

For spleen, see 612.41; *bone marrow,* 612.491; *chemical components of blood,* 612.12

.111 Red corpuscles (Erythrocytes)

.111 1 Biochemistry

.111 2 Counting techniques

.112 White corpuscles (Leucocytes)

.112 1 Biochemistry

.112 2 Biophysics

.112 7 Counting techniques

.115 Coagulation products

Composition and properties of blood plasma, fibrin, fibrinoplastin, thrombin

Class platelets [*formerly* 612.115] in 612.117

612.117 Other components

Platelets [*formerly* 612.115] and hemoconia

.118 Physical and biological properties

.118 1 Physical properties

Osmotic pressure, viscosity, density, specific gravity, cryoscopic methods of study

.118 2 Biological properties

.118 22 Immunity

Production of antibodies, and immune reactions

.118 25 Blood types and typing

.12 Chemical components of blood

Carbohydrates, lipoids, cholesterin, mineral salts, enzymes

.13 Blood vessels and circulation

For vasomotors, see 612.18

.133 Arteries and arterial circulation

.134 Veins and venous circulation

.135 Capillaries and capillary circulation

.14 Blood pressure and sphygmomanometry

.17 Heart

.171 Biophysics

Contraction and dilation of heart cavities, valvular activity, recording methods

For blood pressure, see 612.14

.173 Biochemistry

Chemical composition and metabolism

.178 Innervation

Nerve distribution and stimulation of heart

.18 Vasomotors

Nerves causing dilation (vasodilators) and constriction (vasoconstrictors) of blood vessels

612.2 **Respiratory system**

.21 Biophysics

Respiratory movements, rhythm, sounds and similar phenomena

.215 Of specific organs

Nose and pharynx, bronchi, trachea, pleura, lungs, pulmonary muscles

.22 Biochemistry

Gas exchange and metabolism

For catabolism, see **612.26**

.26 Tissue respiration and catabolism

.28 Innervation

Nerve distribution and stimulation of respiratory apparatus

.3 **Nutrition**

Sum total of processes of ingestion, digestion, assimilation of food to build and maintain tissue, and to release energy

► 612.31–612.38 Physiology of digestive system

.31 Mouth and esophagus

.311 Teeth

.312 Tongue and tonsils

.313 Salivary glands and saliva

.315 Esophagus

.32 Stomach and gastric juice

► 612.33–612.36 Intestinal digestion

.33 Small intestines and intestinal secretions

.34 Pancreas and pancreatic secretions

.35 Biliary tract

Liver, gall bladder, bile and bile ducts

.36 Large intestines and defecation

612.38 Absorption

Transfer of digested food from alimentary canal into blood stream

Class absorption in a specific part of the alimentary canal with the part

.39 Metabolism

Assimilation of digested food into tissue (anabolism) and conversion into energy (catabolism)

For energy metabolism, see **612.57**; *catabolism,* **612.26**; *hormones in the body,* **612.405**

.391 Hunger and thirst mechanisms

.392 Mineral metabolism

.392 3 Water

.392 4 Sulfur, phosphorus, iron, trace elements

.392 6 Sodium, potassium, calcium salts

.396 Carbohydrate metabolism

.397 Fat and lipoid metabolism

.398 Protein metabolism

.399 Vitamins in the body

.4 **Lymphatic, endocrine, exocrine systems**

Use **612.400 1 – 612.400 9** for standard subdivisions

Class glands of a specific system with the system

.405 Hormones in the body

.41 Spleen

For red corpuscles, see **612.111**

.42 Lymphatic system

Lymph, lymph glands and ducts

.43 Thymus gland

.44 Thyroid and parathyroid glands

.45 Adrenal glands

612.46 Urinary system

.461 Chemical properties of urine

Chemical composition, reactivity, analysis

.463 Kidneys

.467 Ureters, bladder, urethra

.49 Other endocrine glands

.491 Bone marrow

For red corpuscles, see **612.111**

.492 Pituitary and pineal glands

.5 Body temperature

Heat production, radiation, regulation, measurement

.55 Disturbances in heat regulation

.57 Energy metabolism (Basal metabolism)

.59 Physiological effects of heat and cold

.591 High temperatures

.592 Low temperatures

.6 Reproductive system and developmental periods

Use **612.600 1 – 612.600 9** for standard subdivisions

.61 Male reproductive system

.62 Female reproductive system

.63 Pregnancy

For embryology, see **612.64**

.64 Embryology

Use **612.640 01 – 612.640 09** for standard subdivisions

.640 1 Development of specific systems and organs

Divide like **611**, e.g., development of eye **612.640 184**

.646 Development of embryo

Intra-uterine development from conception thru three months

612.647 Development of fetus

Intra-uterine development from end of embryonic period to birth

[.648] Development of newborn

Class in **612.652**

.65 Child development

.652 Development of newborn [*formerly* 612.648]

First month of postnatal development

.654 Development from infancy to puberty

.66 Adult development

For aging, see **612.67**

.661 Adolescent development

.662 Menstruation

.663 Period of mature development

.664 Mammary glands and lactation

.665 Climacteric development

Male and female climacteric changes

.67 Aging (Physical gerontology)

.68 Longevity factors

.7 Motor and integumentary systems

.74 Muscles

Class muscles of a specific system or organ with the system or organ

.741 Biophysics

Contractions, elasticity, tonus, irritability

.743 Innervation

.744 Biochemistry

Muscular metabolism, chemical composition, fatigue products

.75 Bones, joints, connective tissues

612.76 Locomotion, exercise, rest

.78 Voice and speech

Larynx and mouth, nose, lips, palate as organs of speech

.79 Integument, hair, nails

► 612.791–612.798 Skin

.791 Biophysics

Contractions, tonus, irritability, absorbency, resistivity

.792 Biochemistry

.792 1 Glands and glandular secretions

.792 7 Pigmentation

.798 Innervation

.799 Nails and hair

.8 Nervous system

.801 Innervation principles

► 612.81–612.89 Parts of the nervous system

SUMMARY

612.81	**Nerves and nerve fibers**
.82	**Brain**
.83	**Spinal cord**
.84	**Eye**
.85	**Ear**
.86	**Olfactory organs**
.87	**Gustatory organs**
.88	**Tactile and proprioceptive organs**
.89	**Autonomic nervous system**

.81 Nerves and nerve fibers

Class specific nerves with the part innervated

For autonomic nervous system, see **612.89**

.811 Types of nerves by function

.811 5 Motor nerves

.811 6 Sensory nerves

.813 Electrophysiology

.816 Irritability

.819 Cranial and spinal nerves

612.82 Brain

.821 Sleep

Metabolism, circulation, chemical changes in brain during sleep phenomena

.822 Biochemistry and biophysics

.824 Circulation

.825 Cerebrum

Cerebral hemispheres, convolutions, cortex

For cerebral commissures and peduncles, see **612.826**

.825 2 Localization of motor functions

.825 5 Localization of sensory functions

.826 Brain stem

Thalamus, cerebral commissures and peduncles, geniculate bodies, corpora quadrigemina, pons Variolii

For medulla oblongata, see **612.828**

.827 Cerebellum

.828 Medulla oblongata

.83 Spinal cord

► 612.84–612.88 Sense organs

.84 Eye

.841 Fibrous tunics

Cornea, conjunctiva, anterior chamber, sclera

.842 Uvea

Iris, choroid, ciliary body

.843 Optic nerve and retina

.844 Eyeball

Crystalline lens, aqueous humor, vitreous humor

.846 Movements (Ocular muscular mechanism)

.847 Eyelids and tear ducts

Palpebral and lacrimal mechanism

612.85 Ear

.851 External ear

.854 Middle ear

Tympanic membrane, eustachian tube, ossicles, mastoid processes

.858 Internal ear

Cochlea, labyrinth, semicircular canals, vestibule

.86 Olfactory organs

.87 Gustatory organs

.88 Tactile and proprioceptive organs

.89 Autonomic nervous system

Sympathetic and parasympathetic nervous systems

613 General and personal hygiene

Health and its preservation

For public health, see **614**

.07 Study and teaching

Including health education [*formerly also* **371.76**]

SUMMARY

613.1 Environment and health
.2 Food and health
.3 Beverages and health
.4 Care of person
.5 Housing and health
.6 Health and well-being under unusual conditions
.7 Rest, exercise, physical fitness
.8 Addictions and health
.9 Factors relating to heredity, sex, age

.1 Environment and health

For housing and health, see **613.5**

.11 Climate

For seasonal changes, see **613.13**

[.110 911] Arctic hygiene

Do not use; class in **613.111**

[613.110 913] Tropical hygiene

Do not use; class in **613.113**

.111 Arctic hygiene

.113 Tropical hygiene

.119 Acclimation

.12 Health resort areas

Regions exempt from specific diseases

.13 Seasonal changes

.14 Humidity

.18 Indoor temperatures and air conditioning

.19 Air and light

.192 Fresh air and breathing exercises

.193 Sun bathing

.194 Nudism

.2 Food and health

Food programs for general well-being and improved appearance

For beverages and health, see **613.3**

.24 Programs for gaining weight

.25 Programs for losing weight

.26 Vegetarian diets

.28 High-protein diets

.3 Beverages and health

For alcohol, see **613.81**

.31 Water

.36 Iced beverages

.37 Hot beverages

.38 Carbonated and mineralized waters

.4 Care of person

Cleanliness and comfort

.41 Baths and bathing

.48 Clothing

613.5 **Housing and health**

.6 **Health and well-being under unusual conditions**

.62 Industrial hygiene [*formerly* 331.82]

.66 Self-defense

.67 Military and camp hygiene

.68 Shipboard hygiene

.69 Survival instructions

Survival after accidents, disasters, other unfavorable circumstances

.7 **Rest, exercise, physical fitness**

Including physical education [*formerly* 371.73]

.71 Exercise

.78 Correct posture

.79 Relaxation, rest, sleep

.8 **Addictions and health**

Habit-forming stimulants and narcotics as factors deleterious to health

.81 Alcohol

.83 Narcotics

.84 Stimulants

.85 Tobacco

.9 **Factors relating to heredity, sex, age**

.92 Inherited mental disorders

.93 Inherited physical disorders

.94 Eugenic practices

.942 Sterilization

.943 Birth control

Natural (rhythm), chemical, mechanical methods of contraception

.95 Sex hygiene

.952 For men

613.953 For boys

.954 For women

.955 For girls

.97 Hygiene for specific age groups

For a specific aspect, see the subject, e.g., baths and bathing 613.41

.972 Infants and children

.973 Adolescents

.977 Middle-aged and aged

614 Public health

Class laws, regulations, legal aspects in 340, public administration aspects in 350.77 [*both formerly* 614]

For forensic medicine, see 340.6; *medical social work,* 362.1; *toxicology,* 615.9

.07 Study, teaching, nursing practice

.073 Red Cross and other public health nursing

(Optional; prefer 610.734)

.09 Historical and geographical treatment

Add area notations 1–9 to 614.09

► **614.1–614.8 Specific public health measures**

SUMMARY

614.1	Registration and certification
.2	Licensure and registration
.3	Adulteration and contamination controls
.4	Control of disease
.5	Control of specific diseases
.6	Disposal of the dead
.7	Sanitation and environmental comfort
.8	Accidents and their prevention

.1 **Registration and certification**

For vital statistics, see 312.1–312.4

.11 Birth certification

.12 Death certification

614.14 Reports on causes of death

.15 Morbidity reports

.17 Premarital examinations and certification

.2 Licensure and registration

Of physicians, dentists, pharmacists, nurses, other medical specialists

[.25] Medical economics

Class comprehensive works in **338.47**, collecting of medical accounts in **658.883**, compensation of physicians in **331.2**

.3 Adulteration and contamination controls

Safeguarding public health by inspecting, standardizing, certifying, labeling common commodities

Use **614.300 1 – 614.300 9** for standard subdivisions

.301–.309 Standard subdivisions of food and drug control

► 614.31–614.34 Protection from food adulteration

.31 Food

Fruits, vegetables, meats, poultry, fish, shellfish in all forms

For dairy products, see **614.32**; *beverages,* **614.34**

.32 Dairy products

.33 Food additives

Permissible and prohibited additives

.34 Beverages and their bases

.35 Drugs and cosmetics

.351 Officinal drugs

.352 Magistral drugs

.353 Patent medicines

.354 Cosmetics

.36 Tobacco and tobacco products

.37 Other commodities

614.4 Control of disease

For control of specific diseases, see **614.5**

.42 Geographical distribution of disease (Medical geography)

.422 Regional treatment

Divide like area notation **1**, e.g., diseases in the tropics **614.422 3**

.423–.429 Geographical treatment

Add area notations **3–9** to **614.42**

.43 Disease carriers (Vectors)

Transmission of disease by animal carriers and their control

Class control of diseases transmitted by animals in **614.56**

.432 Insects

.432 2 Flies

.432 3 Mosquitoes

.432 4 Lice and fleas

.432 9 Other insects

.433 Ticks and other arachnids

.434 Birds

.438 Rodents

.439 Other disease carriers

.44 Preventive medicine

Public measures for preventing disease

For specific control measures, see **614.45–614.48**

► 614.45–614.48 Specific control measures

.45 Isolation

Prevention of spread of disease in homes, hospitals, schools, public places thru isolation

.46 Quarantine

Maritime, land, air quarantine regulations

614.47 Immunization

Public measures for preventing disease thru protective inoculation

.48 Disinfection, fumigation, sterilization

.49 Epidemiology

History and control of epidemics

Add area notations 1–9 to 614.49

.5 Control of specific diseases

SUMMARY

614.51	**Bacillary intoxications, enteric and influenzal diseases**
.52	**Eruptive fevers (Exanthemata)**
.53	**Protozoan infections**
.54	**Other communicable diseases**
.55	**Parasitic diseases**
.56	**Zoogenous diseases**
.58	**Mental hygiene**
.59	**Other noncommunicable diseases**

► 614.51–614.56 Control of specific infectious diseases

.51 Bacillary intoxications, enteric and influenzal diseases

.511 Typhoid fever (Enteric fever)

.512 Diphtheria

.514 Cholera

Asian, Indian, epidemic, malignant, pestilential cholera

.516 Amoebic and bacillary dysentery

.517 Epidemic diarrhea

.518 Influenzas

Spanish and Asian influenza, other acute influenzalike diseases in epidemic form

.52 Eruptive fevers (Exanthemata)

.521 Smallpox (Variola major) and attenuated forms

.522 Scarlet fever (Scarlatina)

.523 Measles (Rubeola)

614.524 German measles (Rubella, roetheln)

.525 Chicken pox (Varicella)

.526 Rickettsial infections

Divide like **616.922**, e.g., typhus **614.526 2**

.53 Protozoan infections

Divide like **616.936**, e.g., malarial fevers **614.532**

.54 Other communicable diseases

For parasitic diseases, see **614.55**; *zoogenous diseases,* **614.56**

.541 Yellow fever

.542 Pulmonary tuberculosis

.543 Whooping cough (Pertussis)

.544 Mumps (Epidemic parotitis)

.545 Puerperal septicemia and pyemia

.546 Leprosy (Hansen's disease)

.547 Venereal diseases

.547 2 Syphilis

.547 8 Gonorrhea [*formerly* 614.548]

[.548] Gonorrhea

Class in **614.547 8**

.549 Poliomyelitis

.55 Parasitic diseases

Divide like **616.96**, e.g., control of schistosomiasis **614.553**

For protozoan infections, see **614.53**; *amoebic dysentery,* **614.516**; *zoogenous diseases,* **614.56**

.56 Zoogenous diseases

For protozoan infections, see **614.53**; *yellow fever,* **614.541**

.561 Anthrax (Charbon)

Woolsorters' disease, splenic fever

.562 Trichinosis

.563 Rabies (Hydrophobia)

614.564 Glanders (Equinia)
Including farcy

.565 Undulant fever (Brucellosis)

.566 Parrot fever (Psittacosis)

► 614.58–614.59 Noncommunicable diseases

.58 Mental hygiene [*formerly* 131.3]
Measures to preserve mental health and prevent mental illness

.582 Factors affecting mental health

.582 2 Mental factors
Anxiety, fear, insecurity

.582 3 Physical factors
Fatigue, illness, disablement

.582 4 Social and environmental factors
Housing, neighborhoods, war, personal relationships

► 614.583–614.585 Programs for specific groups

.583 Programs for specific age groups

.583 2 Infants

.583 3 Children

.583 4 Adolescents

.583 5 Mature adults

.583 6 Middle-aged and aged

.584 Programs for specific occupational groups
Divide like **920.1–928.9**, e.g., mental health programs for teachers **614.584 37**

.585 Programs on basis of marital status

.585 2 Married people

.585 3 Parents

.585 32 Fathers

.585 33 Mothers

614.585 4 Bachelors

.585 5 Spinsters

.589 Geographical treatment
Add area notations **1–9** to **614.589**

.59 Other noncommunicable diseases

.591–.598 Diseases of regions, systems, organs
Divide like **616.1–616.8**, e.g., prevention and control of heart disease **614.591 2**
For mental hygiene, see **614.58**; *cancer,* **614.599 9**

.599 Other programs

.599 2 Maternal and infant welfare

.599 6 Dentistry
Including fluoridation of water supply [*formerly* **614.772**]

.599 7 Ophthalmology

.599 8 Otology

.599 9 Cancer

.6 Disposal of the dead

.61 Interment and cemeteries

.62 Cremation and crematories

.63 Transportation of the dead

.64 Embalming, undertaking, post-mortem plastic surgery

.68 Morgues

.7 Sanitation and environmental comfort

► 614.71–614.77 Sanitary control of air and ground
Prevention and correction of pollution thru regulation

.71 Air pollution

.712 By smoke, fumes, gases
Contamination by particulates in suspension and their atmospheric combination, e.g., smog

.715 By radioactive substances

.716 By microbes

614.76 Wastes and offensive materials

Regulation of sewage and garbage disposal, dumps and dumping, storage and transportation of malodorous materials

.77 Soil and water pollution

.772 Water and water supply

Class fluoridation [*formerly* 614.772] in 614.599 6

.776 Soil

.78 Noise control

.79 Public buildings and assembly places

Sanitary regulation of operations, operating personnel, maintenance of premises and equipment

.791 Eating places

Restaurants, lunchrooms, milk bars, cafeterias, roadside stands

.792 Dwelling places

Hotels, inns, motels, tourist houses, boarding houses

.794 Public comfort stations

.796 Swimming pools and bathing beaches

.797 Barbershops and beauty shops

.799 Public carriers

.8 Accidents and their prevention

Safety thru regulation, inspection, other protective measures

.81 By drowning

.82 By gas suffocation

.83 By machinery and hazardous materials

.831 Flammable materials

Gasolines, natural and synthetic gases, matches, other similar materials

.832 Explosives and fireworks

.836 Electrical equipment and appliances

614.838 Machinery

.839 Radioactive materials

.84 By fire

.841 Fire prevention

.843 Fire extinction

For specific mediums of fire extinction, see 614.844–614.846

► 614.844–614.846 Specific mediums of fire extinction

.844 Thru automatic sprinkling devices

.845 With chemical extinguishers

.846 With water

.847 Safety measures

Regulation of fire escapes, exits from public buildings, fire-resistant construction

For fire prevention, see 614.841

.85 In industry [*formerly* 331.823]

.86 In traveling

.862 On highways

.863 On railroads and streetcars

.864 On water

.869 In the air and in space

.87 Under other conditions

.875 Catastrophic events of natural origin

Safety measures and rescue operations connected with hurricanes, tornadoes, earthquakes, volcanic eruptions, floods, snowstorms

.877 Sports activities

.88 First aid

Nonprofessional emergency treatment to accident victims before regular medical or surgical care can be given

615 Therapeutics and pharmacology

Class therapies applied to specific diseases in **616**

SUMMARY

615.1	General pharmacology and materia medica
.2	Mineral drugs
.3	Organic drugs
.4	Practical pharmacy
.5	Therapeutics
.6	Methods of medication
.7	Pharmacodynamics
.8	Physical and other therapies
.9	Toxicology

► **615.1–615.3 Pharmacology and pharmacy**

For practical pharmacy, see **615.4**; *toxicology,* **615.9**

.1 **General pharmacology and materia medica**

For specific groups and kinds of pharmaceuticals, see **615.2–615.3**

.11 Pharmacopeias

Add area notations **4–9** to **615.11**

.12 Dispensatories

Add area notations **4–9** to **615.12**

.13 Formularies (Collected prescriptions)

Add area notations **3–9** to **615.13**

.14 Posology

Prescription writing, dosage determination, incompatibilities

.19 Pharmaceutical chemistry

Manufacture, preparation, analysis of drugs, medicinals, biological products

Including comprehensive works on synthetic drugs [*formerly* **615.2**]

Use **615.190 01 – 615.190 09** for standard subdivisions

Class specific groups and kinds of synthetic drugs in **615.2–615.3**

615.190 1 Analysis

.190 15 Chemical analysis

.190 18 Assay methods

.191 Manufacture and preparation

► **615.2–615.3 Specific groups and kinds of pharmaceuticals**

Pharmaceutical chemistry and general therapeutics of naturally-occurring and synthetic products

Class physiological and therapeutic action of drugs in **615.7**

.2 **Mineral drugs**

Divide like **546.2–546.7**, e.g., calomel **615.266 3**

If preferred, arrange specific mineral drugs alphabetically

Class comprehensive works on synthetic drugs [*formerly* **615.2**] in **615.19**

.3 **Organic drugs**

Divide by kind and source as below

If preferred, arrange specific organic drugs alphabetically

.31 Synthetic drugs

Divide like **547.01–547.09**, e.g., sulfonamides **615.316 7**

Class synthetic vitamins in **615.328**

.32 Drugs of vegetable origin

For enzymes, see **615.35**

.321 Pharmacognosy

Crude drugs and simples, alkaloids, herbals

For drugs derived from specific plants, see **615.323–615.327**

.323–.327 Drugs derived from specific plants

Divide like **583–587**, e.g., digitalis **615.323 8**

For drugs derived from thallophytes, see **615.329**

.328 Vitamins

For fish-liver oils, see **615.34**

615.329 Drugs derived from thallophytes

Divide like **589**, e.g., ergot **615.329 23**

.34 Fish-liver oils

.35 Enzymes

Pepsin, diastase, trypsin, chymotrypsin, papain

.36 Drugs derived from organs of lower mammals

Hormonal and endocrine drugs

For enzymes, see **615.35**

.362 Thyroid and parathyroid extracts

.363 Anterior pituitary hormones

.364 Adrenal hormones

ACTH, cortisone, adrenalin

.365 Insulin

.366 Sex hormones

.367 Liver extracts

.369 Extracts and secretions of other organs

.37 Blood serums

Drugs used to produce immunity

.372 Vaccines, bacterins, sero-bacterins

.373 Toxins and toxoids

.375 Antitoxins, toxin-antitoxins, convalescent serums

.39 Human blood products

For convalescent serums, see **615.375**

.4 Practical pharmacy

Preparing prescriptions and dispensing drugs

.406 5 Business organizations

Class economics of pharmacy [*formerly* **615.406 5**] in **338.47**

615.42 Solutions and extracts

Decoctions, infusions, tinctures, elixirs, sirups, glycerites, collodions

.43 Pills, capsules, tablets, troches, powders

.45 Ointments and emulsions

.49 Other preparations

.5 Therapeutics

.53 Systems of medicine

.531 Allopathy

.532 Homeopathy

.533 Osteopathy

.534 Chiropractic

.535 Naturopathy

.537 Eclectic and botanic medicine

.54 Age and therapeutics

.542 Pediatric therapeutics

.547 Geriatric therapeutics

.6 Methods of medication

.61 Oral medication

.62 Rectal medication

.63 Parenteral medication

Subcutaneous, intradermal, intramuscular, intravenous, intra-arterial injections

For blood and blood plasma transfusions, see **615.65**

.64 Inhalatory medication

.65 Blood and blood plasma transfusions

Use **615.650 01 – 615.650 09** for standard subdivisions

.650 7 Blood and blood plasma banks

.66 Medication thru serous and mucous membranes

.67 External medication

For hydrotherapy and balneotherapy, see **615.853**

615.7 **Pharmacodynamics**
Physiological and therapeutic action of drugs
For toxicology, see **615.9**

.71 Drugs affecting cardiovascular system
.711 Heart stimulants
.716 Heart depressants
.718 Drugs affecting blood and blood-forming organs

.72 Drugs affecting respiratory system
Expectorants, errhines, cough remedies

.73 Drugs affecting digestive system and metabolism
.731 Emetics
.732 Cathartics, laxatives, purgatives
.733 Anthelmintics
.734 Digestants
.735 Demulcents
.739 Drugs affecting metabolism

.74 Drugs affecting secretion
For diuretics and antidiuretics, see **615.761**

.75 Antipyretics (Febrifuges)

.76 Drugs affecting urogenital system
.761 Drugs affecting urinary system
Diuretics and antidiuretics

.766 Drugs affecting reproductive system

.77 Drugs affecting motor and integumentary systems
.778 Skin
Astringents, counterirritants, emollients, deodorants, antiseptics, disinfectants

.779 Nails and hair

615.78 Drugs affecting nervous system
For antipyretics, see **615.75**

.781 Anesthetics
.782 Hypnotics
Nerve depressants, narcotics, sedatives

.783 Analgesics
.784 Antispasmodics
.785 Stimulants
.788 Psychotrophic drugs
.788 2 Tranquilizers
.788 3 Hallucinogenic drugs

.8 Physical and other therapies
.82 Therapeutic manipulations and exercises
.822 Mechanotherapy
.824 Medical gymnastics
.83 Other physical therapies
For hydrotherapy and balneotherapy, see **615.853**; *electrotherapy and radiotherapy,* **615.84**

.831 Phototherapy
.831 4 Heliotherapy
.831 5 Ultraviolet-ray therapy
.831 9 Other phototherapies
.832 Thermotherapy
.832 2 Infrared-ray therapy
.832 3 Diathermy (Thermopenetration) [*formerly* 615.845 3]
.832 5 Fever therapy
.832 9 Cryotherapy (Hypothermia)
.834 Climatotherapy
.836 Aerotherapeutics
Oxygen and carbon dioxide therapies, pneumatotherapy

.837 Music therapy

615.84 Electrotherapy and radiotherapy

.842 Actinotherapy

For phototherapy, see **615.831**

.842 2 X-ray therapy

.842 3 Radium therapy

.842 4 Radioactive isotope therapy

.845 Electrotherapy

[.845 3] Diathermy (Thermopenetration)

Class in **615.832 3**

.85 Other therapies

.851 Mental therapies

For faith healing, see **615.852**

.851 2 Suggestion therapy (Hypnotherapy)

.851 5 Occupational and recreational therapies

.851 6 Biblio- and educational therapies

.852 Faith healing (Hierotherapy)

.853 Hydrotherapy and balneotherapy

.854 Dietotherapy and vitamin therapy

.856 Spurious therapies

Quackery, e.g., Perkinism

► 615.88–615.89 Empirical and historical remedies

For pharmaceutical chemistry, see **615.19**

.88 Home remedies

.882 Folk medicine [*formerly* 615.89]

.886 Patent medicines

.89 Primitive, ancient, medieval remedies

Class folk medicine [*formerly* **615.89**] in **615.882**

615.9 **Toxicology**

Source, composition, physiological effects, tests, antidotes of poisons

Use **615.900 1 – 615.900 9** for standard subdivisions

.902 Industrial toxicology

.907 Detection of poisons and poisoning

.91 Gaseous poisons

Asphyxiating and lethal gases

.92 Mineral (Inorganic) poisons

For gaseous poisons, see **615.91**

.921 Acids

Class specific acids in **615.925**

.922 Alkalis

Class specific alkalis in **615.925**

[.923–.924] Nonmetallic poisons

Class in **615.925**

.925 Saline and specific mineral poisons

Metallic [*formerly* **615.926–615.929**] and nonmetallic [*formerly* **615.829–615.924**] poisons

Divide like **546.2–546.7**, e.g., mercurial poisons **615.925 663**

[.926–.929] Metallic poisons

Class in **615.925**

[.93] Vegetable poisons

Class in **615.952**

.94 Animal poisons

Class vegetable poisons [*formerly* **615.94**] in **615.952**

.942 Venoms

Snake, scorpion, spider, bee, other venoms

.945 Poisonous food animals

Poisonous mussels, fish, mammalian organs

615.95 Organic poisons

Divide by kind as below

If preferred, arrange alphabetically

For gaseous poisons, see **615.91**; *animal poisons,* **615.94**

.951 Synthetic and manufactured poisons

Divide like **547.01–547.09**, e.g., ethers **547.951 35**

.952 Vegetable [*formerly* 615.93, 615.94] and vegetable-derived poisons

Divide like **583–589**, e.g., opium **615.952 312**

616 Medicine

Use **610.1–610.9** for standard subdivisions

For specialized medicine, see **617–618**

.01 Medical microbiology

Pathogenic microorganisms and their relation to disease

.014 Bacteria

Divide like **589.9**, e.g., Enterobacteriaceae **616.014 5**

.015 Fungi

.016 Protozoa

.019 Ultramicrobes

.019 2 Rickettsiae

.019 4 Viruses

.02 Special texts

For psychosomatic medicine, see **616.08**

.024 Domestic medicine

Treatment of minor ailments without direction of physician

.026 Clinical and internal medicine

616.07 Pathology

Pathological physiology and anatomy

.072 Symptomatology (Semiology)

Manifestation of diseases

Aches and pains, fevers, infections, necrosis (gangrene), atrophies, hypertrophies, edemas

For interpretation of symptoms, see **616.075**

.075 Diagnoses

Interpretation of symptoms

Including differential diagnosis

.075 4 Physical diagnosis

.075 5 Clinical diagnosis

► 616.075 6 – 616.075 9 Laboratory diagnosis

.075 6 Chemical diagnosis

.075 61 Blood analysis

.075 63 Analysis of gastroenteric contents

.075 66 Urinalysis

.075 7 Radioscopic diagnosis

.075 72 X-ray and fluoroscopic examinations

.075 75 Radioisotope scanning

.075 8 Microscopy in diagnosis

.075 81 Bacteriological examinations

.075 82 Cytological examinations

.075 83 Histological examinations

For autopsies, see **616.075 9**

.075 9 Autopsies (Post-mortem examinations)

.08 Psychosomatic medicine

[.09] Historical and geographical treatment

Do not use; class in **610.9**

.092 Case histories

► **616.1–616.9 Specific diseases**

Add to each subdivision identified by * as follows:

001–009 Standard subdivisions
01–02 Microbiology and special texts
Divide like **616.01–616.02**, e.g., domestic medicine **024**
06 Specific therapies
061 Chemotherapy
062–069 Other therapies
Divide like **615.82–615.89**, e.g., X-ray therapy **064 22**
07–09 Other general aspects
Divide like **616.07–616.09**, e.g., case histories **092**

SUMMARY

616.1 Diseases of cardiovascular system
.2 Diseases of respiratory system
.3 Diseases of digestive tract
.4 Diseases of blood-forming, lymphatic, endocrine systems
.5 Diseases of integument, hair, nails (Dermatology)
.6 Diseases of urogenital system
.7 Diseases of musculoskeletal system
.8 Diseases of nervous system (Neurology and psychiatry)
.9 Other diseases

► **616.1–616.8 Diseases of specific systems and organs**

For malignant neoplasms, see **616.994**; *tuberculosis,* **616.995**

616.1 *Diseases of cardiovascular system

SUMMARY

616.11 Of cardiac membranes
.12 Of heart
.13 Of blood vessels
.14 Of veins and capillaries
.15 Of blood

.11 *Of cardiac membranes

.12 *Of heart

Acquired and congenital heart diseases

.122 *Angina pectoris

* Add as instructed under **616.1–616.9**

616.123 *Coronary occlusion and failure

.124 *Myocarditis

.125 *Valvular diseases

Diseases of the mitral, tricuspid, pulmonary valves

.126 *Necrosis and other degenerative diseases

.127 *Rheumatic heart diseases

.128 *Arrhythmia

.13 *Of blood vessels

For diseases of veins and capillaries, see **616.14**

.131 *Peripheral vascular diseases

For cerebral vascular diseases, see **616.81**

.132 *Hypertension

Arterial and essential hypertension

Class arteriosclerosis [*formerly* **616.132**] in **616.136**

.133 *Arterial aneurysms

.135 *Arterial embolisms and thromboses

.136 *Arteriosclerosis [*formerly* 616.132]

.14 *Of veins and capillaries

.142 *Phlebitis and thrombophlebitis

.143 *Varicose veins (Varix)

.145 *Venous embolisms and thromboses

.148 *Telangiectasis, telangitis, other capillary diseases

.15 *Of blood

Divide by kind as below

If preferred, arrange alphabetically by disease

For bacterial blood diseases, see **616.94**

.152 *Anemias

.153 *Polycythemias

* Add as instructed under **616.1–616.9**

616.154 *Agranulocytoses

.155 *Leukemias

If preferred, class in 616.994

.156 *Reticuloses

.157 *Hemorrhagic diseases

.159 Other

.2 Diseases of respiratory system

Use 616.200 1 – 616.200 9 for standard subdivisions

.201 *Croup

.202 *Hay fever

.203 *Influenzas

.204 *Whooping cough (Pertussis)

.205 *Common cold (Coryza, rhinitis)

.21 *Otorhinolaryngology

Comprehensive works on diseases of ear, eye, nose, larynx

For otology, see 617.81–617.88; *ophthalmology,* 617.7; *laryngology,* 616.22

.212 *Rhinology

Diseases of nose, nasopharynx, accessory sinuses

For common cold, see 616.205

.22 *Laryngology

Diseases of larynx, glottis, vocal cords, epiglottis

.23 *Diseases of trachea and bronchi

Trachitis, bronchitis, bronchiectasis

For bronchopneumonia, see 616.241

.24 *Diseases of lungs

.241 *Pneumonias

Lobar, broncho-, pleural, lipoid, virus pneumonias

For necropneumonia, see 616.245

* Add as instructed under 616.1–616.9

616.244 *Pneumoconiosis

Silicosis, cholicosis, pulmonary abscesses

.245 *Necropneumonia

.246 *Pulmonary tuberculosis

If preferred, class in 616.995

.248 *Emphysema

.25 *Diseases of pleura

For pleural pneumonia, see 616.241

.27 *Diseases of mediastinum

.3 *Diseases of digestive tract

SUMMARY

616.31	Of mouth and throat
.32	Of pharynx and esophagus
.33	Of stomach
.34	Of intestines
.35	Of rectum and anus (Proctology)
.36	Of biliary tract
.37	Of pancreas
.38	Of peritoneum
.39	Nutritional and metabolic diseases

.31 *Of mouth and throat

For laryngology, see 616.22; *dentistry,* 617.6; *diseases of pharynx,* 616.32

.312 *Trench mouth (Vincent's angina)

313 *Mumps (Epidemic parotitis)

.314 *Diseases of tonsils

.32 *Of pharynx and esophagus

.33 *Of stomach

.332 *Functional disorders

Dyspepsia, disorders of secretion, gastric indigestion

.333 *Gastritis

.334 *Gastric ulcers

* Add as instructed under 616.1–616.9

616.339 *Other diseases
Merycism, gastroenteritis, gastrotosis, other disorders

.34 *Of intestines
.342 *Functional disorders
Diarrhea, constipation, obstructions

.343 *Peptic ulcers
For gastric ulcers, see **616.334**

.343 3 *Duodenal ulcers
.343 4 *Gastrojejunal ulcers
.344 *Enteritis
Ileitis, colitis, Crohn's disease, duodenitis, jejunitis

.35 *Of rectum and anus (Proctology)
.36 *Of biliary tract
.362 *Liver disorders
.362 3 *Hepatitis
.362 4 *Cirrhosis
.362 5 *Hepatitic jaundice
.365 *Gall bladder and bile duct disorders
.37 *Of pancreas
For diabetes mellitus, see **616.462**

.38 *Of peritoneum
.39 *Nutritional and metabolic diseases
For endocrinology, see **616.43–616.48**

► 616.392–616.396 Deficiency diseases
.392 *Beriberi
.393 *Pellagra
.394 *Scurvy
.395 *Rickets

* Add as instructed under **616.1–616.9**

616.396 Other deficiency diseases and states
Emaciation, fatty degeneration
For multiple deficiency states, see **616.399**

.398 *Obesity
Nutritional and endocrinal obesity

.399 Other nutritional and metabolic diseases
Gout, multiple deficiency states

.4 *Diseases of blood-forming, lymphatic, endocrine systems

.41 *Of blood-forming system
Spleen and bone marrow disorders
For anemias, see **616.152**

.42 *Of lymphatic system
Hodgkin's disease, lymphatitis, lymphomatosis
If preferred, class Hodgkin's disease in **616.994**

► 616.43–616.48 Of endocrine system (Endocrinology)
For gynecology, see **618.1**; *diseases of urogenital system,* **616.6**; *obesity,* **616.398**

.43 *Of thymus gland
.44 *Of thyroid and parathyroid glands
.442 *Goiter
.443 *Hyperthyroidism
.444 *Hypothyroidism
.445 *Hyperparathyroidism and hypoparathyroidism
.45 *Of adrenal glands
Hyperadrenalism, hypoadrenalism, Addison's disease

.46 *Of pancreatic internal secretion (Of islands of Langerhans)
.462 *Diabetes mellitus
.466 *Hypoglycemia

* Add as instructed under **616.1–616.9**

616.47 *Of pituitary glands
Acromegaly, gigantism, dwarfism, Simmonds' disease

.48 Of other glands
Hyperpinealism, polyglandular disorders

.49 *Of breast
Class diseases of female breast in **618.19**

.5 *Diseases of integument, hair, nails (Dermatology)

.51 *Papular eruptions (Urticaria)
For allergies, see **616.97**

.52 *Vesicular and pustular eruptions

.521 *Eczema (Herpes)

.522 *Shingles (Herpes zoster)

.523 *Boils and carbuncles (Furuncles)

.524 *Impetigo

.526 *Psoriasis

.53 *Diseases of sebaceous glands
Acne, blackheads, wens, seborrhea

.54 *Skin hypertrophies, scalp diseases, related disorders
For pigmentary changes, see **616.55**

.544 *Skin hypertrophies
Corns, callosities, warts (verrucae), kerotosis, ichthyosis, scleroderma, xeroderma

.545 *Skin ulcerations
Trophic, decubitus, indolent, phagedenic ulcers

.546 *Diseases of scalp, hair and hair follicles
Baldness (alopecia), hair whiteness (leucotrichia), excessive hairiness (hypertrichosis)

.547 *Diseases of the nails

* Add as instructed under **616.1–616.9**

616.55 *Pigmentary changes
Albinism, nevi, moles

.56 *Diseases of sweat glands
Heat rash, prickly heat, anhidrosis

.57 *Parasitic skin diseases

.58 Other skin disorders
Chilblains, frostbite, chapping

.6 *Diseases of urogenital system
For gynecology, see **618.1**

► 616.61–616.63 Urology

.61 *Of kidneys and ureters

.612 *Bright's disease (Nephritis)

.613 *Pyelitis, pyelocystitis, pyelonephritis

.62 *Of bladder and urethra
For diseases of male urethra, see **616.64**

.622 *Kidney stones (Urinary calculi)
Renal and vesical calculi

.623 *Cystitis

.624 *Urethritis

.63 *Urinary manifestations

.633 *Pyuria

.635 *Uremia

► 616.64–616.69 Diseases of male genital organs

.64 *Of male urethra

.65 *Of prostate

.66 *Of penis

.67 *Of scrotum

.68 *Of testicles and accessory organs

* Add as instructed under **616.1–616.9**

616.69 *Functional disorders of male genital organs
.692 *Impotence and sterility
.693 *Climacteric disorders
.699 Other functional disorders

.7 *Diseases of musculoskeletal system
.71 *Of bones
For diseases of spine, see 616.73; *rickets,* 616.395

.712 *Osteitis
Osteitis deformans, osteochronditis, periostitis

.715 *Osteomyelitis
.72 *Of joints
Hypertropic and rheumatoid arthritis
For gout, see 616.399

.73 *Of spine
.74 *Of muscles
.742 *Muscular rheumatism
For rheumatic fever, see 616.991

.743 *Myositis
.744 *Myasthenia gravis
.748 *Progressive muscular dystrophy
.749 Other muscular atrophies
.75 *Of tendons and fasciae
.76 *Of bursae and sheaths of tendons
.77 *Of connective tissue (Collagen diseases)

.8 Diseases of nervous system (Neurology and psychiatry)
Use 616.800 1 – 616.800 9 for standard subdivisions

.801–.809 Standard subdivisions of neurology

* Add as instructed under 616.1–616.9

SUMMARY

616.81–.84	Neurology
.85–.86	Psychoneuroses
.87	Diseases of cranial and spinal nerves
.88	Diseases of autonomic system
.89	Psychiatry

► 616.81–616.84 Neurology
For diseases of cranial and spinal nerves, see 616.87; *of autonomic nervous system,* 616.88

616.81 *Cerebrovascular diseases
Cerebral hemorrhages, aneurysms, embolisms, thromboses

.82 *Meningeal diseases
.83 Other organic diseases of central nervous system
For chorea, see 616.851; *epilepsy,* 616.853; *senile dementias,* 616.898 3

.832 *Encephalitis
.833 *Parkinson's disease (Paralysis agitans)
.834 *Multiple sclerosis
.835 *Poliomyelitis
.836 *Cerebral palsy
.837 *Paraplegia
.838 *Locomotor ataxia (Tabes dorsalis)
.84 Symptoms of neurological diseases
.841 Dizziness (Vertigo)
.842 Paralysis
[.843] Asthenic reactions
Class in 616.852 8

.844 Spinal irritation
.845 Convulsions
.849 Other symptoms
Enuresis, pain, coma, reflex and sleep disturbances

* Add as instructed under 616.1–616.9

► 616.85–616.86 Psychoneuroses

Class comprehensive works in **616.85**

616.85 *General works

.851 Chorea

.852 *Hysteria and related disorders

For speech and language disorders, see **616.855**

.852 1 *War neuroses (Combat fatigue)

.852 2 *Obsessive-compulsive neuroses

Phobias and anxiety neuroses

.852 3 *Dissociative reactions

Amnesias, fugues, multiple personalities

.852 8 *Asthenic reactions [*formerly* 616.843]

Chronic fatigue and depression, formerly known as neurasthenia

.853 *Epilepsy

.855 *Speech and language disorders

.855 2 *Neurological language disorders (Aphasias)

Diminution or loss of faculty of language in any of its forms due to cerebral lesions, e.g., agraphia, agnosia, apraxia

.855 4 *Psychoneurotic speech disorders

Stammering and stuttering

.856 *Cutaneous sensory disorders

Anesthesia, paresthesia, hypesthesia, hyperesthesia

.857 *Migraine

.858 Disorders of personality, character, intellect

.858 2 *Psychopathic and immature personalities

* Add as instructed under **616.1–616.9**

► 616.858 3 – 616.858 4 Character neuroses

616.858 3 Sexual aberrations, manias, perversions

.858 32 Frigidity and impotence

.858 33 Nymphomania and satyromania

.858 34 Homosexuality

.858 35 Sadism and masochism

.858 39 Other disorders

.858 4 Other character neuroses

.858 42 Kleptomania

.858 43 Pyromania

.858 44 Homicidal and suicidal compulsions

.858 45 Compulsive lying and defrauding

.858 8 Mental deficiency

Feeble-mindedness and mental retardation

.858 82 In terms of measurable intellect

.858 822 Idiots

.858 823 Imbeciles

.858 824 Morons

.858 825 Borderline feeble-minded

.858 84 In terms of deformity, injury, disease

.858 842 Mongolism

.858 843 Hydrocephalism

.858 844 Microcephalism

.858 845 Amaurotic idiocy

.858 848 Cretinism and myxedemism

.86 *Psychoneurotic addictions and intoxications

.861 *Alcoholism

.862 *Metallic intoxication

.863–.865 Other addictions

Divide like **613.83–613.85**, e.g., narcotics addiction **616.863**

* Add as instructed under **616.1–616.9**

616.87 *Diseases of cranial and spinal nerves

Neuritis and neuralgias, e.g., polyneuritis, sciatica, neuritis of peripheral nerves, trigeminal and glossopharyngeal neuralgias

For herpes zoster, see **616.522**

.88 *Diseases of autonomic (sympathetic and parasympathetic) system

.89 *Psychiatry

Functional diseases (psychoses) of nervous system

For psychoneuroses, see **616.85**; *puerperal psychoses,* **618.76**

.890 073 Psychiatric nursing

(Optional; prefer **610.736 8**)

[.890 6] Specific therapies

Do not use; class in **616.891**

.891 Specific therapies

For psychosurgery, see **617.481**

.891 2 Shock therapy

.891 3 Physical therapies

.891 5 Group therapy and psychodrama

.891 6 Mental therapies

Divide like **615.851**, e.g., bibliotherapy **616.891 66**

.891 7 Psychoanalysis [*formerly* 131.34]

.891 8 Chemotherapy

► 616.892–616.898 Specific psychoses

.892 *General paresis (Neurosyphilis)

.895 *Manic-depressive psychoses

Neurotic-depressive reactions, manic and circular types, involutional psychoses

.897 *Paranoia and paranoid conditions

.898 Schizophrenia and senile dementias

.898 2 *Schizophrenia (Dementia praecox)

.898 3 *Senile dementias

* Add as instructed under **616.1–616.9**

616.9 **Other diseases**

Use **616.900 1 – 616.900 9** for standard subdivisions

► 616.901–616.909 Standard subdivisions of communicable diseases

.901–.906 Philosophy, miscellany, dictionaries, serial publications, organizations

.907 Study and teaching

.907 3 Communicable disease nursing

(Optional; prefer **610.736 9**)

.908–.909 Other standard subdivisions

SUMMARY

616.91	**Eruptive fevers (Exanthemata)**
.92	**Bacterial, viral and rickettsial diseases**
.93	**Bacillary intoxications, enteric and protozoan infections**
.94	**Bacterial blood diseases**
.95	**Venereal and zoogenous diseases**
.96	**Parasitic diseases (Medical parasitology)**
.97	**Allergies and anaphylaxis**
.98	**Diseases due to physical and climatic conditions**
.99	**Other diseases**

► 616.91–616.96 Communicable diseases

Class communicable diseases predominantly affecting a specific part of the body with the part affected, e.g., mumps **616.313**

For leprosy, see **616.998**

.91 *Eruptive fevers (Exanthemata)

.912 *Smallpox (Variola major)

.913 *Attenuated forms of smallpox

Human vaccinia ("cowpox"), parasmallpox (alastrim, amaas), Cuban itch, Kaffir milkpox

.914 *Chickenpox (Varicella)

.915 *Measles (Rubeola)

.916 *German measles (Rubella)

.917 *Scarlet fever (Scarlatina)

* Add as instructed under **616.1–616.9**

616.92 *Bacterial, viral and rickettsial diseases

For bacterial blood diseases, see **616.94**

.921 *Dengue fever

.922 *Rickettsial infections

.922 2 *Typhus group

Classic epidemic (louse-borne) typhus, murine (flea-borne) typhus, Brill's disease

.922 3 *Spotted-fever group

Rickettsialpox, Rocky Mountain spotted fever, boutonneuse fever, other tick-bite spotted fevers

.922 4 *Scrub typhus (Tsutsugamushi disease)

Japanese river fever

.922 5 *Q fever

.922 6 Other rickettsial infections

Trench fever, Bullis fever, North Queensland tick typhus

.923 *Pasteurella infections

.923 2 *Bubonic plague

.923 9 *Tularemia

.924 *Tick-borne viral infections

For lymphocytic choriomeningitis, see **616.925**

.924 2 *Tick fever (Colorado tick fever)

American mountain fever, nonexanthematous tick fever

.924 4 *Relapsing fevers

Including bacterial and spirochetal relapsing fevers

.925 *Lymphocytic choriomeningitis

.926 *Fevers

For a specific fever, see the subject, e.g., scarlet fever **616.917**

* Add as instructed under **616.1–616.9**

616.927 *Eberthella and salmonella infections

.927 2 *Typhoid fever (Enteric fever)

.927 4 *Paratyphoid fever

.927 9 Other salmonella infections

.928 *Yellow fever

.93 Bacillary intoxications, enteric and protozoan infections

.931 *Bacillary intoxications

.931 3 *Diphtheria

.931 5 *Botulism

.931 8 *Lockjaw (Tetanus)

► 616.932–616.935 Enteric infections

For typhoid fever, see **616.927 2**

.932 *Asian cholera

Pestilential cholera

.933 *European cholera

Sporadic cholera and cholera morbus

.935 *Dysenteries

.935 3 *Amoebic dysentery (Amoebiasis)

.935 5 *Bacillary dysentery (Shigella infections)

.936 *Protozoan infections

For amoebic dysentery, see **616.935 3**

.936 2 *Malarial fevers

.936 3 *Trypanosomiasis

Gambian and Rhodesian trypanosomiasis, Chagas' disease, African sleeping sickness

.936 4 *Leishmaniasis

Visceral leishmaniasis (kala-azar), cutaneous leishmaniasis (oriental sores), mucocutaneous leishmaniasis (forest yaws)

* Add as instructed under **616.1–616.9**

616.94 *Bacterial blood diseases

.942 *Erysipelas

.944 *Septicemia and pyemia

.95 Venereal and zoogenous diseases

For lockjaw, see **616.931 8**; *tularemia,* **616.923 9**

.951 *Venereal diseases

.951 3 *Syphilis

For neurosyphilis, see **616.892**

.951 5 *Gonorrhea [*formerly* 616.952]

.951 8 Other venereal diseases [*formerly* 616.952 3]

Chancroid, lymphadenoma inguinale, lymphogranuloma venereum

[.952] Gonorrhea

Class in **616.951 5**

[.952 3] Other venereal diseases

Class in **616.951 8**

.953 *Rabies (Hydrophobia)

.954 *Glanders (Equinia)

.956 *Anthrax (Charbon)

Woolsorters' disease, splenic fever

.957 *Undulant fever (Brucellosis)

.958 *Parrot fever (Psittacosis)

.96 *Parasitic diseases (Medical parasitology)

For parasitic skin diseases, see **616.57**; *protozoan infections,* **616.936**

.962 *Diseases due to endoparasites

For diseases due to worms, see **616.963–616.965**

* Add as instructed under **616.1–616.9**

► 616.963–616.965 Diseases due to worms (Helminthology)

616.963 *Diseases due to flukes (Trematoda)

Schistosomiasis, bilharziasis, distomatosis

.964 *Diseases due to tapeworms (Cestoda)

Tapeworm infestations, hyatid diseases (echinococcosis)

.965 *Diseases due to roundworms (Nematoda)

.965 2 *To filariae

Filariasis, elephantiasis, wuchereriasis, onchocerciasis

.965 4 To other nematodes

Trichinosis, enterobiasis, ascariasis, hookworm infestations

.968 *Diseases due to ectoparasites (Medical entomology)

For a specific entomological disease, see the disease, e.g., Colorado tick fever **616.924 2**

.969 *Diseases due to fungi (Medical mycology)

► 616.97–616.99 Other general diseases

.97 *Allergies and anaphylaxis

For hay fever, see **616.202**

.973 *Contact allergies

.975 *Food and drug allergies

.977 *Physical allergies

Supersensitivity to physical agents, e.g., heat, sunlight, cold, humidity

.98 Diseases due to physical and climatic conditions

Use **616.980 01 – 616.980 09** for standard subdivisions

Class treatment of a specific disease with the subject

.980 2 Medical aspects of specialized services

.980 21 Aerospace medicine

.980 213 Aviation medicine

.980 214 Space medicine

* Add as instructed under **616.1–616.9**

616.980 22 Submarine medicine
.980 23 Military medicine
.980 24 Naval medicine
.988 Medical climatology and meteorology
Divide like area notation 1, e.g., tropical diseases **616.988 3**

.989 Diseases due to physical conditions
.989 2 *To motion
.989 3 *To altitude
.989 4 *To compression and decompression
.989 7 *To radioactivity
.99 Other diseases
.991 *Rheumatic fever
For muscular rheumatism, see **616.742**

.992 *Neoplasms and neoplastic diseases (Oncology)
For specific kinds of neoplasms, see **616.993–616.994**

► 616.993–616.994 Specific kinds of neoplasms
.993 *Benign neoplasms
.994 *Malignant neoplasms
Medical, radiological, surgical treatment of cancers, carcinomas, sarcomas
(Optional: leukemias and Hodgkin's disease; prefer **616.155** and **616.42** respectively)
Divide like **611.1–611.9**, e.g., cancer of the stomach **616.994 33**

.995 *Tuberculosis
(Optional: pulmonary tuberculosis; prefer **616.246**)
Divide like **611.1–611.9**, e.g., tuberculosis of the bones **616.995 71**

.998 *Leprosy (Hansen's disease)

* Add as instructed under **616.1–616.9**

► **617–618 Specialized medicine**
For malignant neoplasms, see **616.994**

617 **Surgery**
Treatment of disease by manual and instrumental operations
Use **617.001–617.008** for standard subdivisions

.01 Complications and sequelae

.02 Special texts
.024 Minor surgery
.025 Major surgery
.026 Emergency surgery

.07 Surgical pathology
.072 Symptomatology (Semiology)
For interpretation of symptoms, see **617.075**

.073 Surgical nursing
(Optional; prefer **610.736 77**)

.075 Diagnoses
Interpretation of symptoms
Divide like **616.075**, e.g., X-ray diagnosis **617.075 72**

.09 Historical and geographical treatment

► **617.1–617.9 Systematic surgery**
Add to each subdivision identified by * as follows:
001–008 Standard subdivisions
01–09 General aspects
Divide like **617.01–617.09**, e.g., emergency surgery **026**

SUMMARY

617.1	Wounds and injuries
.2	Results of injuries
.3	Orthopedic surgery
.4	Surgical operations by systems
.5	Regional surgery
.6	Dentistry
.7	Opthalmology
.8	Otology and audiology
.9	Techniques and other surgical specialties

617.1 Wounds and injuries

Use 617.100 1 – 617.100 9 for standard subdivisions

.102 Special texts

.102 7 Athletic wounds and injuries

.102 8 Crash wounds and injuries

Injuries resulting from traffic accidents

.11 *Burns and scalds

For high-energy injuries, see 617.12

.12 *High-energy injuries

.122 *From electricity

.124 *From ionizing radiation

.13 *Abrasions and contusions

.14 *Wounds

For abrasions and contusions, see 617.13

.143 *Lacerated, incised, punctured wounds

.145 *Gunshot wounds

.146 *Removal of foreign bodies from wounds

.15 Fractures

Divide like 611.71, e.g., fracture of the femur 617.158

.16 *Dislocations

.17 *Sprains and strains

.18 *Asphyxiation

Choking, hanging, strangulation, suffocation, drowning

* Add as instructed under 617.1–617.9

617.19 *Blast injuries

.2 Results of injuries

.21 Traumatic and surgical shock

.22 Inflammation, infection, fever

.3 *Orthopedic surgery

Correction of acquired and congenital deformities, and treatment of chronic diseases of skeletal system

Use 617.300 1 – 617.300 9 for standard subdivisions

Class chronic diseases of skeletal system in 617.47

For fractures, see 617.15

.307 Orthopedic appliances

.37 *Deformities

For deformities of the extremities, see 617.39

.371 *Head and neck

.374 *Chest

.375 *Spine

.376 *Hip and pelvis

.39 *Deformities of the extremities

For amputations, see 617.57–617.58

.397 *Upper extremities

.398 *Lower extremities

For podiatry, see 617.585

.4 Surgical operations by systems

For respiratory system, see 617.54

.41 *Cardiovascular system

.412 *Heart

.413 *Arteries

.414 *Veins

.43 *Digestive system

For treatment of a specific organ, see the organ, e.g., of stomach 617.553

* Add as instructed under 617.1–617.9

617.44 *Endocrine glands

For treatment of a specific gland, see the gland, e.g., thyroid gland 617.539 5

.46 *Urogenital system

For gynecology and obstetrics, see 618.1–618.8

.461 *Kidneys, suprarenal glands, ureters

.462 *Bladder and urethra

.463 *Male genital organs

.47 *Motor and integumentary systems

For amputations, see 617.57–617.58

.471 *Bones

.472 *Joints

For treatment of jaws, see 617.522

.473 *Muscles

.474 *Tendons

.475 *Bursae

.477 *Skin

For plastic surgery, see 617.95

.48 *Nervous system

.481 *Brain

Neurosurgery, psychosurgery, topectomy

.482 *Spinal cord

.483 *Nerves

* Add as instructed under 617.1–617.9

617.5 **Regional surgery**

SUMMARY

617.51	Head and neck
.52	Face
.53	Throat and neck
.54	Thorax and respiratory system
.55	Abdominal and pelvic cavities
.57	Upper extremities
.58	Lower extremities

.51 *Head and neck

For surgery of neck, see 617.539; *of face,* 617.52

.514 *Skull

Class skull fractures in 617.155

.52 *Face

For ophthalmology, see 617.7; *otology,* 617.81–617.88; *plastic surgery,* 617.95

.522 *Oral surgery

Treatment of lips, tongue, palate, jaws

For dental surgery, see 617.64

.523 *Nose

Scope: comprehensive works on nose and throat [*formerly* 617.53]

For throat, see 617.53

.53 *Throat and neck

Class comprehensive works on nose and throat [*formerly* 617.53] in 617.523

.532 *Pharynx and tonsils

Including adenoidectomies

.533 *Larynx, vocal cords, epiglottis, trachea

.539 *Neck

.539 5 *Thyroid and parathyroid glands

* Add as instructed under 617.1–617.9

617.54 *Thorax and respiratory system

For surgery of heart, see **617.412**; *of nose and throat,* **617.523**

.542 *Lungs

.543 *Thoracic pleura

.544 *Bronchi

.545 *Mediastinum

.546 *Thymus gland

.547 *Diaphragm

.548 *Esophagus

.549 *Breast

Class surgery of the female breast in **618.19**

.55 *Abdominal and pelvic cavities

For urogenital system, see **617.46**

.551 *Spleen

.553 *Stomach and pylorus

.554 *Intestines

.544 1 *Small intestines

Duodenum, jejunum, ileum

.554 5 *Cecum and vermiform appendix

.554 7 *Large intestines

Colon [*formerly* **617.554 8**] and sigmoid flexure

For cecum, see **617.554 5**

[.554 8] Colon

Class in **617.554 7**

.555 *Rectum, anus, perineum

.556 *Biliary tract

Liver, gall bladder, bile ducts

.557 *Pancreas and islands of Langerhans

* Add as instructed under **617.1–617.9**

617.558 *Peritoneum

Mesentery, omentum, coelum

.559 *Abdominal hernias

► 617.57–617.58 Extremities

Amputations, excisions, restorative surgery, artificial limbs

For fractures, see **617.15**

.57 *Upper extremities

.58 *Lower extremities

.582 *Thigh and knee

.584 *Leg and ankle

.585 *Foot (Podiatry)

.6 Dentistry

Use **617.600 1 – 617.600 9** for standard subdivisions

.601 Oral hygiene and preventive dentistry

.601 8 Asepsis and antisepsis

.63 *Dental diseases

.632 *Of gums and tooth sockets (Periodontics)

Alveolar abscesses, pyorrhea, gingivitis, periodontitis

.634 *Of tooth tissues

Diseases of dental pulp, dentine, cementum, enamel

For cavities, see **617.67**

► 617.64–617.67 Dental surgery

.64 *Dental surgery for young people

.643 *Orthodontics

Treatment of disorders of occlusion and dentition

.645 *Pedodontics

For orthodontics, see **617.643**

.66 *Extractions (Exodontics)

* Add as instructed under **617.1–617.9**

617.67 *Cavities
.672 Preparation and treatment
.675 Fillings and inlays
Amalgam, metallic, cement, porcelain, plastic fillings and inlays
.69 Prosthetic dentistry
.692 Dentures, crowns, bridges
.695 Materials
.7 ***Ophthalmology**
Treatment of ocular diseases and correction of refractive errors
[.707] Pathology
Do not use; class in 617.71
.71 Pathology and surgery
Class pathology and surgery of a specific part of the eye with the part
.712 *Loss of function
Blindness and partial blindness
.713 *Wounds and injuries
.719 *Diseases of cornea and sclera
Use 617.719 001 – 617.719 009 for standard subdivisions
.719 07 Eye banks
.72 *Diseases of uvea
Diseases of iris, choroid, ciliary body
.73 *Diseases of retina and optic nerve
.74 *Diseases of eyeball
For diseases of cornea and sclera, see 617.719
.741 *Glaucoma
.742 *Diseases of crystalline lens
.746 *Diseases of vitreous body

* Add as instructed under 617.1–617.9

617.75 Optometry
.752 Optical work
Setting and adjusting lenses, mechanical work of opticians
.752 2 Spectacles
.752 3 Contact lenses

► 617.755–617.759 Functional disorders of vision
.755 Disorders of refraction and accommodation
Myopia, hypermetropia, astigmatism, presbyopia
.756 Aniseikonia
.759 Color blindness
.76 Diseases of ocular muscular and lacrimal mechanisms
.762 *Of ocular neuromuscular mechanism
Strabismus, binocular imbalance, diplopia
.762 2 Orthoptics
.764 *Of lacrimal glands and ducts
.77 Diseases of conjunctiva and eyelids
.771 *Of eyelids
.772 *Trachoma
.773 Conjunctivitis other than trachoma
.78 *Diseases of orbit
.79 Prosthetic ophthalmology
.8 *Otology and audiology

► 617.81–617.88 Otology
.81 *Diseases of external ear
For diseases of specific parts of external ear, see 617.82–617.83

► 617.82–617.83 Diseases of specific parts of external ear
.82 *Auricle
Class plastic surgery of external ear in 617.958 5
.83 *Auditory canal

* Add as instructed under 617.1–617.9

617.84 *Diseases of middle ear

For diseases of specific parts of middle ear, see **617.85–617.87**

► 617.85–617.87 Diseases of specific parts of middle ear

.85 *Tympanic membrane

.86 *Eustachian tubes

.87 *Mastoid processes

.88 *Diseases of internal ear

Diseases of cochlea, labyrinth, semicircular canals, vestibule

.89 Audiology

Correction of impaired hearing thru fitting and adjusting hearing devices

.9 Techniques and other surgical specialties

► 617.91–617.96 Techniques

.91 Operative surgery

Use **617.910 01 – 617.910 09** for standard subdivisions

For anesthesiology, see **617.96**

.910 1 Asepsis and antisepsis

.917 Operating room

.917 2 Preparation of operating room

.917 8 Surgical instruments and apparatus

For surgical dressings, see **617.93**

.919 Preoperative and postoperative care

.93 Surgical dressings

.95 *Plastic surgery (Cosmetic and restorative surgery)

Use **617.950 01 – 617.950 09** for standard subdivisions

Divide like **611.1–611.9**, e.g., otoplasty **617.958 5**

.950 7 Tissue banks

For eye banks, see **617.719 07**

* Add as instructed under **617.1–617.9**

617.96 Anesthesiology

Methods and techniques of inducing anesthesia, and management of accidents and complications resulting from it

Including anesthesiology in obstetrics [*formerly* **618.45, 618.895**]

.962 General anesthesia

Inhalation, rectal, intravenous anesthesias

.964 Regional anesthesia

Spinal, saddle-block, caudal anesthesias

.966 Local anesthesia

► 617.97–617.99 Surgical specialties

For surgery of a specific area, see the area, e.g., brain **617.481**

.97 *Geriatric surgery

.98 *Pediatric surgery

.99 *Military surgery

618 Other branches of specialized medicine

Add to each subdivision identified by * as instructed under **616.1–616.9**

► **618.1–618.8 Gynecology and obstetrics**

Medical and surgical treatment

SUMMARY

618.1	Gynecology
.2	Obstetrics
.3	Diseases of pregnancy
.4	Normal labor (Parturition)
.5	Complicated labor (Dystocia)
.6	Normal puerperium
.7	Puerperal diseases
.8	Obstetrical surgery

* Add as instructed under **617.1–617.9**

618.1 *Gynecology

Class malignant neoplasms of genital tract in 616.994 65

.107 3 Gynecological nursing

(Optional; prefer 610.736 7)

.11 *Diseases of ovaries

.12 *Diseases of Fallopian tubes

.13 *Periuterine diseases

.14 *Diseases of uterus and cervix

.142 *Infections

Cervicitis, endometritis, pyometra

For leucorrhea, see 618.173

.143 *Erosions

.144 *Malformations

Atrophies, hypertrophies, prolapse of uterus

.145 Surgical therapeutics

.145 3 Hysterectomies

.145 8 Dilation and curettage

.15 *Diseases of vagina

.16 *Diseases of vulva

.17 *Functional and systemic disorders

.172 *Menstruation disorders

Amenorrhea, menorrhagia, dysmenorrhea, oligomenorrhea

.173 *Leucorrhea

.175 *Menopause disorders

.178 *Sterility

Scope: comprehensive works on male and female sterility

For male sterility, see 616.692

.19 *Diseases of breast

* Add as instructed under 616.1–616.9

618.2 *Obstetrics

For diseases, disorders, management of pregnancy, parturition, puerperium, see 618.3–618.8

[.207 2] Symptomatology

Do not use; class in 618.22

.207 3 Obstetrical nursing

(Optional; prefer 610.736 78)

[.207 5] Diagnosis

Do not use; class in 618.22

.22 Symptomatology and diagnosis

.24 Prenatal care

.25 *Multiple pregnancy

► **618.3–618.8 Diseases, disorders, management of pregnancy, parturition, puerperium**

.3 ***Diseases of pregnancy**

.31 Extrauterine pregnancy (Ectopic pregnancy)

Tubal, ovarian, cervical, abdominal pregnancies

.32 Fetal abnormalities

Fetal degeneration and calcification

.33 Abortion

Delivery prior to the fourth month of pregnancy

.39 Prematurity

.392 Miscarriage

Delivery during the fourth to sixth month of pregnancy

.397 Premature delivery

Delivery after the sixth month and before full term

* Add as instructed under 616.1–616.9

618.4 **Normal labor (Parturition)**

Mechanism and management of normal labor and childbirth

.42 Presentations

Position of fetal body during labor

.45 Painless childbirth

Induced amnesia, hypnotic and other psychological techniques, controlled relaxation

Class anesthesiology in obstetrics [*formerly* 618.45] in 617.96

.5 **Complicated labor (Dystocia)**

.51 Maternal dystocia

Difficult labor due to anomalies of expellant forces and mechanical obstructions

.53 Fetal dystocia

Difficult labor due to size of fetus

.54 Uterine hemorrhage

.56 Placental dystocia

.58 Complications from umbilical cord

.6 **Normal puerperium**

Postpartum management and care

.7 ***Puerperal diseases**

.71 *Diseases of lactation

.73 *Puerperal metritis and peritonitis

.74 *Puerperal septicemia and pyemia

.75 *Puerperal eclampsia

.76 *Puerperal psychoses

.77 *Hemic disorders

.78 Other puerperal disorders

.79 Maternal death

* Add as instructed under 616.1–616.9

618.8 **Obstetrical surgery**

.82 Version and extraction

.83 Embryotomy and craniotomy

Mutilation of fetus to facilitate delivery when impossible by natural means

.85 Minor surgery

Symphyseotomy, vaginiperineotomy, repair of lacerations of genital tract

.86 Caesarean section

.87 Surgical removal of placenta

.88 Therapeutic abortion

For embryotomy and craniotomy, see 618.83

.89 Asepsis and antisepsis

[.895] Anesthesiology in obstetrics

Class in 617.96

.9 **Patients by age groups**

Class surgical treatment in 617.97–617.98

.92 Pediatrics

Use 618.920 001 – 618.920 009 for standard subdivisions

.920 007 3 Pediatric nursing

(Optional; prefer 610.736 2)

.920 01–.920 09 General aspects

Divide like 01–09 under 616.1–616.9, e.g., diagnoses 618.920 075

.920 1 Newborn infants (Neonates)

.920 11 Premature infants

Infants weighing less than 5½ pounds

.920 12 Full-term infants

618.921–.929 Specific diseases

Divide like **616.1–616.9**, e.g., cardiac diseases in children **618.921 2**

.97 *Geriatrics

General and specific diseases of the aged and their treatment

.970 73 Geriatric nursing

(Optional; prefer **610.736 5**)

619 Comparative and experimental medicine

Study of diseases and their treatment in laboratory animals

For veterinary sciences, see **636.089**

.5 Domestic fowl

.7 Dogs

.8 Cats

.9 Other mammals

.93 Rodents

Laboratory rats, mice, rabbits, hamsters

.98 Primates

Monkeys and apes

* Add as instructed under **616.1–616.9**

620 Engineering, and allied operations and manufactures

► 620.001–620.009 Standard subdivisions

.001 Philosophy and theory

.002 Miscellany

.002 1 Tabulated and related materials

.002 12 Specifications [*formerly* 620.03], tables, formulas

.002 2 Illustrations

.002 22 Designs and drawings [*both formerly* 620.04], pictures, charts

.002 7 Inventions and identification marks

.002 72 Patents [*formerly* 620.08]

.003–.007 Dictionaries, serial publications, organizations, study and teaching

.008 Collections and anthologies

Including collections of reports [*formerly* **620.09**]

.009 Historical and geographical treatment

[.03] Specifications

Class in **620.002 1**

[.04] Designs and drawings

Class in **620.002 22**

[.07] Laws and regulations

Class in **340**

[.08] Patents

Class in **620.002 72**

[.09] Collections of reports

Class in **620.008**

► **620.1–620.4 Applied mechanics (Engineering mechanics)**

For principles of flight, see **629.132**; *automatic control engineering,* **629.8**; *air-conditioning engineering,* **697.93**

620.1 Engineering materials, properties, tests

[.101] Mechanical vibration

Class in **620.3**

[.102] Sound and related vibrations

Class in **620.2**

SUMMARY

620.11	**Engineering materials**
.12	**Wood and laminated wood**
.13	**Masonry materials**
.14	**Ceramic and allied materials**
.15	**Masonry adhesives**
.16	**Metals and their alloys**
.17	**Ferrous metals**
.18	**Nonferrous metals**
.19	**Other engineering materials**

.11 Engineering materials

For specific engineering materials, see **620.12–620.19**

.112 Engineering properties

Tests evaluating materials for engineering purposes

► 620.112 1 – 620.112 7 Specific tests of strength

For tests of strength on specific shapes and forms, see **620.112 8**

.112 1 Temperature and strength

.112 16 Cryogenic effects

.112 17 High-temperature effects

.112 2 Deterioration, corrosion, weathering

Rates, resistivity, protective measures

620.112 3 Elasticity and plasticity

Deformation, fatigue, yield point

Class photoelasticity [*formerly* **620.112 3**] in **620.112 9**

.112 32 Elasticity and elastic limit

.112 33 Plasticity, plastic flow, creep

.112 4 Tensile, compression, shearing stresses

.112 5 Rigidity

Impact and repeated shock

.112 6 Hardness

.112 7 Nondestructive tests

Use of radiographic, tracer, ultrasonic methods

.112 8 Tests of strength on specific shapes and forms

.112 81 Sandwich constructions

► 620.112 82 – 620.112 83 Structural forms

.112 82 Plates, beams, bars, rods, angles

.112 83 Columns, tubes, cylinders, pipes

.112 84 Rollers and bearings

.112 85 Springs

.112 86 Hooks, chains, rings

.112 87 Fasteners

Rivets, bolts, screws, nails, spikes

.112 88 Wires, cables, hawsers

.112 9 Other properties

Mechanical, thermal, optical, acoustical, electric, electromagnetic, magnetic properties

Including photoelasticity [*formerly* **620.112 3**]

► 620.12–620.19 Specific engineering materials

Engineering properties and tests

.12 Wood and laminated wood

620.13 Masonry materials

For masonry adhesives, see **620.15**; *brick, tile, terra cotta,* **620.142**

.132 Stone

.135 Cement

► 620.136–620.137 Concretes

.136 Concrete and precast concrete

.137 Ferroconcrete and prestressed concrete

.14 Ceramic and allied materials

.142 Brick, tile, terra cotta

.144 Glass

.15 Masonry adhesives

.16 Metals and their alloys

Divide like **620.112**, e.g., deformation of metals **620.163**

For specific metals and their alloys, see **620.17–620.18**

► 620.17–620.18 Specific metals and their alloys

.17 Ferrous metals

Divide like **620.112**, e.g., deformation of ferrous metals **620.173**

.18 Nonferrous metals

.182 Copper

Brass, bronze, Muntz metal, phosphor bronze, gun metal, copper-aluminum alloys, copper-beryllium alloys, aluminum bronze

.183 Lead

.184 Zinc and cadmium

.185 Tin

.186 Aluminum

.187 Magnesium

.188 Nickel

620.189 Other nonferrous metals

.189 1 Mercury

.189 2 Precious and rare-earth metals

Divide like **669.2**, e.g., gold **620.189 22**

.189 3 Ferro-alloying metals

Divide like **669.73**, e.g., chromium **620.189 34**

For nickel, see **620.188**

.189 4 Beryllium

.189 5 Antimony, arsenic, bismuth

.189 6 Alkali and alkaline earth metals

Sodium, potassium, lithium, strontium, calcium, barium

.189 9 Minor metals

Niobium, hafnium, germanium, gallium, indium, tellurium, thallium

.19 Other engineering materials

.191 Soils

Class foundation soils in **624.151**

.192 Plastics and their laminates and compounds

.194 Rubber

.195 Insulating materials

Rock wool, corkboard, asbestos, kapok, diatomaceous earth

.196 Bituminous materials

Asphalt, synthetic and rock asphalts, tar

.197 Textiles, fibers, ropes

.199 Adhesives and sealants

For plastics and their laminates and compounds, see **620.192**; *masonry adhesives,* **620.15**

620.2 **Sound and related vibrations [*formerly* 620.102]**

► 620.21–620.23 Applied acoustics (Acoustical engineering)

Class electroacoustical devices in 621.382–621.389

.21 General principles

Sound sources, radiating and vibratory systems, elements

.22 Architectural acoustics

.23 Noise and countermeasures

.28 Applied ultrasonics

.3 **Mechanical vibration [*formerly* 620.101]**

For sound and related vibrations, see 620.2

.31 Generation and transmission

.32 Measurements

.37 Effects and countermeasures

.39 Special developments

.4 **Fine particle technology**

.7 **Systems engineering**

Integrated, complex groupings of equipment designed to produce effectively single sets of optimum outputs from given sets of inputs

.8 **Human engineering (Biotechnology)**

Designing for optimum man-machine and man-equipment relationships

621 Applied physics

Mechanical, electrical, electronic, electromagnetic, heat, light, nuclear engineering

Use 621.001–621.009 for standard subdivisions

.01–.09 Standard subdivisions of mechanical engineering

Class thermodynamics [*formerly* 621.01] in 621.402 1

SUMMARY

621.1 Steam
.2 Power derived from liquids
.3 Electrical, electronic, electromagnetic engineering
.4 Heat and prime movers
.5 Pneumatic and low-temperature technology
.6 Mechanical fans, blowers, pumps
.7 Factory operations
.8 Mechanical power transmission and related equipment
.9 Tools

► 621.1–621.2 Fluid-power engineering

For aerodynamics, see 629.132 3; *air compression,* 621.51–621.54

621.1 **Steam**

SUMMARY

621.11 Engines
.13 Locomotives
.14 Tractors, rollers, and their boilers
.15 Portable engines and their boilers
.16 Stationary engines and their boilers
.18 Generation and transmission
.19 Central stations

.11 Engines

Class a specific kind with the subject

.13 Locomotives

.132 Specific types

Including Whyte nomenclature for wheel arrangement

.133 Boilers

Including auxiliary parts, fuel and fuel consumption, feed-water treatment

.134 Engines

Steam-mechanical and steam-electric engines

.134 3 Reciprocating engines

.134 6 Turbines

.135 Running gear

621.136 Tenders

.139 Other parts

.14 Tractors, rollers, and their boilers

.15 Portable engines and their boilers

.16 Stationary engines and their boilers

.164 Reciprocating engines

Simple, compound, triple-expansion, quadruple-expansion engines

.165 Turbines

.165 1 Thermodynamics

.165 2 Specific types

Impulse, single-stage impulse, velocity-compounded, pressure-compounded, reaction turbines

.165 3 Design, construction, maintenance, repair

.166 Other engines

Rotary, eolipile, aerosteam, cycloidal engines

.18 Generation and transmission

Class a specific application with the subject

► 621.182–621.184 Generation

.182 Fuels and fuel consumption

.183 Boiler furnaces

.183 6 Mechanical stokers

.183 8 Draft appliances

Including stacks, chimneys, flues, dampers

.184 Boilers

.184 1 Thermodynamics

.184 2 Specific types

Fire-tube and water-tube boilers

.184 5 Design, construction, maintenance, repairs

.184 7 Accessories

Gages, valves, collectors

621.185 Circulation (Transmission)

Including steam pipes, safety valves, pressure regulators, insulation

.19 Central stations

.194 Boiler operations (Boiler-house practices)

.194 1 Firing and feeding

.194 3 Feed-water treatment

Scale prevention, purification and softening of feed water

.197 Accessories

.197 2 Feed-water appliances

Heaters, economizers, accumulators

.197 3 Traps

Pumping, lift, boiler-feed return traps

.197 4 Separators

.197 5 Superheaters

.197 6 Condensers and cooling towers

.197 7 Instrumentation

Including calorimeters, indicators and gages for pressure and temperature

.2 Power derived from liquids

Use **621.200 1 – 621.200 9** for standard subdivisions

.201–.209 Standard subdivisions of hydraulic power

► 621.21–621.27 Hydraulic power

.21 Waterwheels (Water mills)

Including overshot and undershot wheels [*formerly* **621.22–621.23**]

For turbines, see **621.24**

[.22–.23] Overshot and undershot wheels

Class in **621.21**

.24 Turbines

621.25 Engines

.252 Pumps

.254 Accumulators

.26 Machinery and appliances

Class a specific machine or appliance with the subject

.27 Rams

Lifting, pumping, compressing rams

.28 Other liquid-pressure mechanisms

Liquid-pressure measuring and control instruments, e.g., gages, manometers, controllers, barometers

.3 Electrical, electronic, electromagnetic engineering

Use 621.300 01 – 621.300 09 for standard subdivisions

[.300 4] Wiring diagrams

Class in 621.319 2

[.300 7] Laws and codes on electrical installations

Class laws in 340, local government regulation in 352.923

[.300 8] Patents

Class in 621.302 72

[.300 9] Collections of reports

Class in 621.308

► 621.301–621.309 Standard subdivisions of electrical engineering

.301 Philosophy and theory

.302 Miscellany

.302 7 Inventions and identification marks

.302 72 Patents [*formerly* 621.300 8]

.303–.307 Dictionaries, serial publications, organizations, study and teaching

621.308 Collections and anthologies

Including collections of reports [*formerly* 621.300 9]

.309 Historical and geographical treatment

SUMMARY

621.31 Generation, transmission, modification of electrical energy
.32 Light and illumination engineering
.33 Traction
.35 Applied electrochemistry
.36 Paraphotic engineering
.37 Electrical measurements
.38 Electronic and communication engineering
.39 Other branches of electrical engineering

.31 Generation, transmission, modification of electrical energy

Class electricity derived from nuclear power in 621.481, by chemical methods in 621.35, electric motors as prime movers in 621.4

SUMMARY

621.312 Central stations
.313 Dynamoelectric (Generating) machinery
.314 Transformers
.315 Condensers
.316 Details and parts of generators
.317 Control devices at central stations
.319 Transmission

.312 Central stations

For machinery and instrumentation, see 621.313–621.317

.312 1 By purpose

For special-purpose stations, see 621.312 2 – 621.312 6

.312 13 All-purpose stations

.312 132 Steam-driven

.312 133 Internal-combustion-engine-driven

.312 134 Hydroelectric and tidal

.312 136 Wind-driven

621.312 137 Fuel-cell powered

.312 139 Other types

Including stations powered by thermoelectric, thermionic, magnetohydrodynamic generators

► 621.312 2 – 621.312 6 Special-purpose stations

.312 2 For lighting

Divide like **621.312 13**, e.g., hydroelectric stations **621.312 24**

.312 3 For traction

.312 6 Transformer, converter, accumulator substations

► 621.313–621.317 Machinery and instrumentation

.313 Dynamoelectric (Generating) machinery

For details and parts of generators, see **621.316**

.313 1 Construction, installation, maintenance, testing

.313 2 Direct-current machinery

Dynamos, dynamotors, direct-current motors, converters to alternating current, compensators, boosters

.313 3 Alternating-current machinery

For synchronous machinery, see **621.313 4 – 621.313 5**; *asynchronous machinery,* **621.313 6**

► 621.313 4 – 621.313 5 Synchronous machinery

.313 4 Generators and motors

.313 5 Converters to direct current

Phase, frequency, motor converters

For rectifiers, see **621.313 7**

.313 6 Asynchronous machinery

Generators, phase and frequency converters

Class commutators [*formerly* **621.313 6**] in **621.316**

For rectifiers, see **621.313 7**

621.313 7 Rectifiers

Mechanical, electronic, electrolytic converters supplied with commutators

.314 Transformers

Power, distribution, instrument transformers for converting alternating-current power from one voltage to another

.315 Condensers

.316 Details and parts of generators

Commutators [*formerly* **621.313 6**], armatures and armature winding, contactors, electromagnets (field cores), brushes

.317 Control devices at central stations

.317 2 Switchboards, panels, meters

.317 3 Switches and circuit breakers

.317 4 Rheostats

.317 5 Signal devices

.317 8 Protective devices

Fuses, lightning arresters, relays, grounding devices

.319 Transmission

.319 1 Systems

.319 12 Direct-current

.319 13 Alternating-current

Single-phase, two-phase, polyphase current systems

.319 15 Composite current

Direct and alternating currents combined

.319 16 Polycyclic current

.319 2 Lines and circuitry

Including wiring diagrams [*formerly* **621.300 4**]

.319 21 Circuit characteristics

Heat losses in lines, transient currents, induction capacity of parallel lines

621.319 22 Overhead lines
.319 223 Poles
.319 224 Cross arms
.319 225 Towers
.319 23 Underground lines
.319 3 Wires and cables
.319 32 Uninsulated wires
.319 33 Insulated wires
.319 34 Cables and cable laying
.319 37 Insulators and insulation
.319 8 Protective devices
Fuses, lightning arresters, relays, grounding devices

.32 Light and illumination engineering
Use **621.320 001 – 621.320 009** for standard subdivisions

.320 01–.320 09 Standard subdivisions of illumination engineering
.320 1–.320 9 Standard subdivisions of electric lighting

► 621.321–621.322 Illumination
For specific kinds of lighting, see **621.323–621.327**

.321 General principles
Class application to interior and exterior lighting in **621.322**

.321 1 Determinative procedures
Layouts, calculations, photometry

► 621.321 2 – 621.321 5 Systems and methods
.321 2 Direct lighting
.321 3 Indirect and semi-indirect lighting
.321 4 Flood (Directed) lighting
.321 5 Transillumination

.322 Interior and exterior lighting
For municipal lighting, see **628.93–628.95**

.322 5–.322 8 Interior lighting
Divide like **725–728**, e.g., lighting for libraries **621.322 78**

621.322 9 Garden and patio lighting

► 621.323–621.327 Specific kinds of lighting

.323 Historic forms
Torches, candles, oil-burning devices

.324 Gas lighting

► 621.325–621.327 Electric lighting
Systems, bulbs, tubes, filaments, electrodes, manufacturing details
For apparatus at service end of line, see **621.328**

.325 Arc
For enclosed-arc, see **621.327**

.326 Incandescent
.327 Luminous-tube (Enclosed-arc)
.327 3 Fluorescent
.327 4 Mercury-vapor
.327 5 Neon
.327 6 Sodium-vapor

.328 Apparatus at service end of line
Including panels, insulators, switches

.328 2 Interior wiring
.328 8 Protective devices
Fuses, lightning arresters, relays, grounding devices

.329 Other branches of light engineering
Including light amplification by stimulated emission of radiation (lasers)

.33 Traction
Electric-power transmission for railways
Including electrification of railway systems

621.35 Applied electrochemistry

Generation and storage of electrical energy by chemical methods

.353 Primary batteries

Voltaic and dry cells

.354 Secondary batteries (Storage batteries)

For specific types of storage batteries, see 621.355–621.356

► 621.355–621.356 Specific types of storage batteries

.355 Lead-acid batteries

.356 Alkaline batteries

.359 Fuel cells

Direct, continuous conversion of chemical energy to electrical energy

.36 Paraphotic engineering

Generation, transmission, detection, systems, applications of radiant energy adjacent to luminous spectrum

.362 Infrared

Including infrared amplification by stimulated emission of radiation (irasers)

For heat radiation, see 621.402 2

.364 Ultraviolet

.37 Electrical measurements

► 621.372–621.374 Values and quantities

Determination of instantaneous effective electrical values (instruments), and measurement of total quantities of electricity over a period of time (meters)

.372 Units and standards

Primary (absolute) and secondary standards of resistance, voltage, inductance, capacitance, frequency

Including calibration of electrical instruments

.373 Recording meters

621.374 Meters and instruments

Measurement of electric quantities

For recording meters, see 621.373

.374 2 Resistance measurements

Wheatstone bridges, ohmmeters, resistance boxes, shunts

.374 3 Potential measurements

Electrometers, voltmeters, potentiometers, voltage detectors

.374 4 Current measurements

Voltameters, ammeters, milliammeters, coulometers, ampere-hour meters, galvanometers

.374 5 Energy measurements

Watt-hour meters, demand meters, electric supply meters

.374 6 Power measurements

Wattmeters, electrodynamometers, voltammeters

.374 7 Frequency meters

Magnetic oscillographs, cathode-ray oscillographs

For electric phasemeters, see 621.374 9

.374 9 Phasemeters

Synchroscopes, power-factor meters

.379 Measurements of nonelectrical quantities

Including telemeters

.38 Electronic and communication engineering

SUMMARY

621.381	**Electronic engineering**
.382–.383	**Wire telegraphy**
.384	**Radio- and microwave communication**
.385–.387	**Wire telephony**
.388	**Television**
.389	**Other communication devices**

621.381 Electronic engineering

For communication engineering, see **621.382–621.389**

SUMMARY

621.381 1	Systems
.381 3	Microwave electronics
.381 5	Circuit electronics
.381 6	X-ray and gamma-ray electronics
.381 7	Miniaturization and microminiaturization
.381 9	Special developments

.381 1 Systems

Communication, control, combined

.381 3 Microwave electronics

.381 31 Wave propagation and transmission

.381 32 Circuit functions

Specific valves, hookups, design and analysis of circuits

.381 33 Specific instruments and apparatus

Class instruments and apparatus for a specific function in **621.381 32**

.381 331 Waveguides

.381 332 Resonators

.381 333 Klystrons

.381 334 Magnetrons

.381 335 Traveling-wave tubes

.381 336 Masers

Microwave amplification by stimulated emission of radiation

.381 336 1 Solid-state masers

.381 336 2 Fluid-state masers

621.381 5 Circuit electronics

Short- and long-wave electronics

► 621.381 51 – 621.381 52 Valves

Class valves for a specific function in **621.381 53**

.381 51 Tubes

Thermionic and cold-cathode

.381 512 Vacuum tubes

.381 512 2 Diodes

.381 512 3 Triodes

.381 512 4 Tetrodes

.381 512 5 Pentodes

.381 512 8 Other multielement tubes

.381 513 Low-pressure gas tubes

Divide like **621.381 512**, e.g., tetrodes **621.381 513 4**

.381 52 Semiconductor (crystal) valves

.381 522 Diodes

.381 528 Transistors

.381 53 Circuit functions

Specific valves, hookups, design and analysis of circuits

.381 532 Rectification and filtering

.381 533 Oscillation

.381 534 Pulse processes

.381 535 Amplification and feedback

Including radio amplification by stimulated emission of radiation (rasers)

.381 536 Modulation, demodulation, detection

.381 536 2 Amplitude

.381 536 3 Frequency

.381 536 4 Phase

.381 536 5 Pulse

.381 537 Switching and control

621.381 54 Supplementary devices and instrumentation

Cathode-ray and electron-ray tubes, indicators, gages, thermistors

.381 6 X-ray and gamma-ray electronics

.381 7 Miniaturization and microminiaturization

► 621.381 71 – 621.381 74 Printed circuits

.381 71 Microelements

Modules, transistors, resistors, diodes, wafers

.381 73 Microcircuit functions

Specific valves, hookups, design and analysis of circuits

.381 74 Printed wiring and potted circuits

.381 76 Other miniaturized devices

.381 79 Special developments

[.381 8] Electroacoustical devices

Class in **621.389**

.381 9 Special developments

.381 95 Computers [*formerly* 681.14]

► 621.381 952 – 621.381 954 General principles

Class general principles applied to specific computers in **621.381 957 – 621.381 958**

.381 952 Design and construction

.381 953 Component elements

.381 953 2 Input-output equipment

.381 953 3 Storage and memory systems

.381 954 Maintenance and repair

► 621.381 957 – 621.381 958 Specific computers

.381 957 Analog computers

.381 958 Digital computers

► 621.382–621.389 Communication engineering

Electrical, electroacoustical, electronic devices

► 621.382–621.383 Wire telegraphy

621.382 Codes, systems, types

► 621.382 3 – 621.382 4 Systems

.382 3 Acoustic

Hand-operated systems, e.g., simplex, duplex, quadruplex, multiplex

.382 4 Automatic

Systems of Bain, Morse, Wheatstone, Delany

► 621.382 5 – 621.382 8 Special types

.382 5 Printing

Stockticker, teleprinter, teletype

.382 6 Writing (Telautography)

.382 7 Facsimile

.382 8 Submarine cable

.383 Specific instruments and apparatus

Keys, transmitters, receivers, calling apparatus, relays, repeaters, switches, recorders

.384 Radio- and microwave communication

SUMMARY

621.384 1	**General principles**
.384 2–.384 3	**Radiotelegraphy**
.384 5–.384 6	**Radiotelephony**
.384 8	**Radar**

► 621.384 1 – 621.384 6 Radio

621.384 1 General principles

SUMMARY

621.384 11	**Wave propagation and transmission**
.384 12	**Circuitry**
.384 13	**Specific instruments and apparatus**
.384 15	**Communication systems**
.384 16	**Stations**
.384 17	**Measurements and standardization**
.384 18	**Manufacture and servicing of receiving sets**
.384 19	**Special developments**

.384 11 Wave propagation and transmission

.384 12 Circuitry

.384 121 Simple circuits

.384 122 Coupled circuits

.384 128 Circuit functions

Detection, amplification, control, modulation, frequency generation

.384 13 Specific instruments and apparatus

.384 131 Transmitters

.384 132 Vacuum tubes

Diodes, triodes, multielement tubes

Class tubes for a specific function with the function

.384 133 Supplementary instrumentation

Condensers, microphones, inductors, resistors, filters, oscillographs, grounding devices

Including devices for elimination of interference [*formerly* **621.384 154**]

.384 134 Transistors

Class transistors for a specific function with the function

.384 135 Antennas

.384 135 1 Transmitting

.384 135 2 Receiving

.384 135 5 Directional

621.384 136 Receivers

.384 136 1 Instruments

Radio-frequency amplifiers, modulators, rectifiers, detectors, loud speakers

.384 136 6 Sets

Crystal, radio-tube, regenerative, tuned radio-frequency, superheterodyne sets

For manufacture and servicing, see **621.384 18**

.384 15 Communication systems

► 621.384 151 – 621.384 152 Short-wave systems

.384 151 Without frequency modulation

.384 152 With frequency modulation (FM)

.384 153 Long-wave systems

Amplitude modulation (AM) systems

[.384 154] Devices for elimination of interference

Class in **621.384 133**

.384 156 Relay and satellite systems

.384 16 Stations

► 621.384 162 – 621.384 164 Broadcasting stations

.384 162 Clear-channel

.384 163 Regional

.384 164 Local

► 621.384 165 – 621.384 168 Two-way stations

.384 165 Vehicle-to-station

.384 166 Amateur (Ham)

.384 168 Portable

.384 17 Measurements and standardization

Of impedance, frequency, wavelength, modulation, signal intensity

621.384 18 Manufacture and servicing of receiving sets
.384 185 Assembling
.384 186 Installation
.384 187 Repairs
.384 19 Special developments
.384 191 Direction and position finding
Radio beacons, radio compasses, loran
.384 196 Telecontrol
.384 197 Space communication

► 621.384 2 – 621.384 3 Radiotelegraphy
.384 2 Systems, stations, types
Including radiofacsimile
.384 3 Specific instruments and apparatus

► 621.384 5 – 621.384 6 Radiotelephony
.384 5 Systems, stations, types
.384 6 Specific instruments and apparatus

.384 8 Radar
.384 81 General principles
Wave propagation and transmission, circuitry, reception
.384 83 Specific instruments and apparatus
.384 85 Systems
Continuous and pulse-modulated
.384 86 Stations
.384 88 Scanning patterns
.384 89 Special developments
.384 892 Racon
.384 893 Shoran

► 621.385–621.387 Wire telephony
621.385 Analysis, systems, stations
.385 1 Network analysis
.385 3 Intercommunication systems (Interphone systems)
Systems without central stations
.385 4 Stations
For private exchanges, see **621.385 8**
.385 41 Substations
.385 43 Central stations

► 621.385 5 – 621.385 6 Manual switchboard systems
.385 5 Multiple switchboard systems
.385 6 Trunking systems (Transfer systems)
.385 7 Automatic and semiautomatic switchbord systems
Including direct-distant-dialing systems
.385 8 Private exchanges
Private automatic exchanges (PAX) and private board exchanges (PBX)

► 621.386–621.387 Instruments, apparatus, transmission
.386 Terminal instruments and apparatus
.386 2 Transmitters
Including handsets containing transmitters and receivers in one housing
.386 3 Receivers
For handsets containing transmitters and receivers in one housing, see **621.386 2**

► 621.386 7 – 621.386 9 Specific types
Manual, automatic, dial
.386 7 Recording telephones (Mechanical telephones)
Telephonographs, telegraphones
.386 9 Other
.386 92 Pay stations
.386 93 Private stations

621.387 Central station equipment and transmission

► o21.387 3 – 621.387 6 Manual switchboards

.387 3 Multiple switchboards

.387 4 Trunk (Transfer) switchboards

Switchboards for transferring lines from one central station to another

.387 5 Switchboard components

Including parts and accessories of manual and automatic telephone switchboards

.387 6 Power equipment

Including auxiliary generators, batteries

.387 7 Semiautomatic and automatic switchboards

For switchboard components, see **621.387 5**

.387 8 Transmission

.387 82 Long-distance

.387 83 Local

.387 9 Other central station equipment

.387 94 Protective devices

Fuses, lightning arresters, relays, grounding devices

.387 96 Meters and counters

.388 Television

Use **621.388 001 – 621.388 009** for standard subdivisions

.388 02 Black-and-white television

.388 04 Color television

.388 1 General principles

Wave propagation and transmission, circuitry, optics

.388 3 Instruments and apparatus

.388 31–.388 33 Transmitters, valves, supplementary instrumentation

Divide like **621.384 131 – 621.384 133**, e.g., filters **621.388 33**

621.388 34 Cameras and components

.388 35–.388 36 Antennas and receivers

Divide like **621.384 135 – 621.384 136**, e.g., television sets **621.388 366**

.388 5 Communication systems

Including relay and satellite systems

.388 6 Stations

.388 7 Measurements and standardization

Of impedance, frequency, wavelength, modulation, signal intensity

.388 8 Manufacture and servicing of receiving sets

Divide like **621.384 18**, e.g., repairs **621.388 87**

.388 9 Special developments

Including space communication

.389 Other communication devices

Including electroacoustical devices [*formerly also* **621.381 8**]

.389 2 Public-address and related systems

Including sound reinforcing, electric megaphone, intercommunicating, announce, paging, call systems

.389 3 Sound recording and reproducing systems [*formerly also* 681.84]

.389 32 Records and recorders

Cylinder, disc, wire, tape, film records and recorders

.389 33 Reproducers

Phonographs, radiophonographs, high-fidelity and stereophonic systems

.389 4 Language translators

.389 5 Underwater devices

.389 52 Projectors and hydrophones

.389 53 Sonar

621.39 Other branches of electrical engineering

General principles, circuitry, apparatus and appliances, applications

Class generation and transmission of electricity regardless of method or purpose in 621.31

.392 Thermoelectricity

Electricity produced by direct action of heat

.393 Rural electrification

.394 Household electrification

.396 Conduction and induction heating

Including arc, resistance, electromagnetic, dielectric furnaces

.4 Heat and prime movers

Including electric motors

Use 621.400 1 – 621.400 9 for standard subdivisions

For steam, see 621.1

.402 Heat (Thermal) engineering

For low-temperature technology, see 621.56–621.59

.402 1 Thermodynamics [*formerly* 621.01]

.402 2 Transmission (Heat transfer)

Conduction, convection, radiation

.402 3 Fuels and combustion

.402 4 Insulation

.402 5 Power plants

Heat engines and accessories

.402 8 Thermal systems

SUMMARY

621.41 External-combustion engines (Hot-air engines)
.42 Air engines (Air motors)
.43 Internal-combustion engines
.45 Wind engines
.47 Solar-energy engineering
.48 Nuclear engineering
.49 Central power stations

► 621.41–621.45 Specific prime movers

621.41 External-combustion engines (Hot-air engines)

.42 Air engines (Air motors)

Reciprocating air motors, rotary vane positive expansion motors, air-turbine engines

For wind engines, see 621.45

.43 Internal-combustion engines

► 621.433–621.436 Specific internal-combustion engines

For parts and accessories, see 621.437

.433 Gas-turbine engines

Scope: gas-turbine and jet engines

For jet engines, see 621.435

.433 2 Simple gas-turbine engines

Continuous-combustion, intermittent-combustion, exhaust-driven, closed-cycle turbines

.433 5 Free-piston-turbine engines

.434 Spark-ignition engines

.435 Jet and rocket engines

.436 High-compression-ignition engines

Diesel and semidiesel engines

.436 1 General principles

.436 2 Design and construction

.436 8 Operation, maintenance, repair

621.437 Parts and accessories
Cylinders, carburetors, pistons, ignition devices, connecting rods, governors

.438 Special developments

.45 Wind engines
Windmills, wind wheels, Flettner rotors

.47 Solar-energy engineering

.471 General principles
Thermodynamics, radiation, heat storage

.473 Solar engines

.475 Solar batteries

.477 Solar furnaces
Utilization of solar energy for attainment of high temperatures

.48 Nuclear engineering
Fission and fusion technology

.481 Central stations
Stations for generation of thermal and electric power

.483 Fission reactors and power plants

.483 2 Design, construction, shielding

.483 3 Materials

.483 32 Structural materials

.483 35 Fuels (Fissionable materials)

.483 36 Coolants

.483 37 Moderators

.483 4 Specific types
Heterogeneous, homogeneous, thermal, intermediate, fast, breeder reactors and power plants

.483 5 Operation, control, safety measures

.483 7 By-products (Radioactive isotopes)

.483 8 Treatment and disposal of radioactive waste

621.484 Fusion reactors and power plants
Controlled thermonuclear devices

.489 Special developments

.49 Central power stations
Class a specific type with the subject

.5 Pneumatic and low-temperature technology
For fans, blowers, pumps, see 621.6

► 621.51–621.54 Air compression

.51 Compressors
Reciprocating, rotary, jet compressors

.53 Transmission
Systems and equipment

.54 Special developments
Cleaners, carriers, sandblasts, other devices

.55 Vacuum technology

► 621.56–621.59 Low-temperature technology

.56 Refrigeration
For refrigerators and freezers, see 621.57

.563 Heat pumps

.564 Refrigerants and coolants

.567 Systems

.57 Refrigerators and freezers

.58 Ice manufacture

.59 Cryogenic techniques
Liquefaction and solidification of gases and gas mixtures having extremely low boiling points

621.6 **Mechanical fans, blowers, pumps**

► 621.61–621.63 Fans and blowers

.61 Piston

.62 Rotary

.63 Centrifugal

Including exhaust fans

► 621.64–621.69 Pumps

For hydraulic pumps, see 621.252

.64 Hand

.65 Reciprocating (Piston and plunger)

.66 Rotary

.67 Centrifugal

Turbopumps and axial-flow pumps

.68 Fire engines

.69 Other

.691 Jet (Injectors and ejectors)

.692 Vacuum

.699 Miscellaneous

Including density pumps, direct-fluid-pressure displacement pumps, e.g., pulsometers

.7 **Factory operations**

Class manufacture of a specific product with the subject

.75 Machine-shop practice

Machining and assembling metalwork

For machine tools, see 621.902

.78 Automatic factories

621.8 **Mechanical power transmission and related equipment**

For pneumatic technology, see 621.5; *power derived from liquids,* 621.2

SUMMARY

621.81 Mechanisms
.82 Systems and parts
.83 Gears, ratchets, cams
.84 Valves, pistons, cocks
.85 Transmission by flexible connections
.86 Materials-handling equipment
.87 Cranes, derricks, elevators, and their components
.88 Fastenings
.89 Elimination of friction

.81 Mechanisms

.811 General principles

Kinematics and dynamics in machines

.812 Power control devices

Speed controllers (governors), power measuring devices, e.g., dynamometers, timers

.815 Machine design

► 621.82–621.84 Transmission elements

.82 Systems and parts

For gears, ratchets, cams, see 621.83; *valves, pistons, cocks,* 621.84

.821 Journals

.822 Bearings

Plain, ball, roller, gas-lubricated, sliding, adjustable bearings

.823 Shafts and shafting

.824 Springs

.825 Couplings, clutches, universal joints

.827 Connecting rods, cranks, eccentrics

621.83 Gears, ratchets, cams
.833 Gears and gearing
.833 1 Spur gears
.833 2 Bevel and skew bevel gears
.833 3 Worm and spiral gears
.837 Ratchet gears and gearing
.838 Cams
.84 Valves, pistons, cocks
.85 Transmission by flexible connections
For materials-handling equipment, see 621.86

.852 By belt
.853 By rope
.854 By wire
.859 By chain
.86 Materials-handling equipment
For cranes, derricks, elevators and their components, see 621.87

.862 Hoisting machinery
For specific kinds of hoisting machinery, see 621.863–621.865

► 621.863–621.865 Specific kinds of hoisting machinery
.863 Chain hoists, mechanical and hydraulic tackles
.864 Windlasses, winches, capstans
.865 Power shovels

.867 Conveying machinery
For telpherage, see 621.868

.867 2 Pipes and pipelines
.867 5 Belt conveyers
.867 6 Escalators
.868 Telpherage
Including ski tows, chair lifts

621.87 Cranes, derricks, elevators, and their components
.872 Derricks
.873 Cranes
Mobile and stationary

.877 Elevators
Hand-powered, belt-driven, steam, hydraulic, electric

.88 Fastenings
.882 Screws, nuts, bolts
.883 Cotters and cotter pins
.884 Rivets and nails
.89 Elimination of friction
Lubrication and lubricants
For bearings, see 621.822

.9 Tools
Design, maintenance, repair, operation
Use 621.900 1 – 621.900 9 for standard subdivisions
For special-purpose machinery, see 681.6–681.7

.902 Machine tools
Power-driven metalworking machinery

.904 Pneumatic tools
.908 Hand tools

SUMMARY

621.91	Planing and milling machinery
.92	Abrading and grinding machinery
.93	Cutting and sawing machinery
.94	Turning machinery
.95	Perforating and tapping machinery
.96	Punching machinery
.97	Fastening machinery
.98	Pressing machinery
.99	Jigs, fixtures, gages

.91 Planing and milling machinery
.912 Planers, shapers, slotters
.914 Crushing machinery [*formerly* 621.922]

621.92 Abrading and grinding machinery

.922 Lapping machinery

Cylinder and surface polishing and grinding

Class crushing machinery [*formerly* 621.922] in 621.914

.923 Emery wheels and grindstones

.924 Filing machinery

.93 Cutting and sawing machinery

Power shears, saws, slicers, trimmers

.94 Turning machinery

.942 Lathes

.943 Chucks

.944 Screw-cutting, gear-cutting, pipe-threading machinery

For tapping machines, see 621.955

.945 Boring machinery

.95 Perforating and tapping machinery

For boring machines, see 621.945; *punching machines,* 621.96

.952 Drilling machinery

.954 Reaming and broaching machinery

.955 Tapping machinery

.96 Punching machinery

For die-pressing machinery, see 621.984

.97 Fastening machinery

.973 Hand hammers

.974 Power hammers

.978 Riveting machinery

.98 Pressing machinery

.982 Bending machinery

.983 Straightening jigs

.984 Die-pressing machinery

.99 Jigs, fixtures, gages

For straightening jigs, see 621.983

622 Mining engineering and operations

[.001] Statistics

Class in 622.021

[.007] Laws and regulations

Class in 340

[.009] Collections of reports

Class in 622.08

.02 Miscellany

.021 Tabulated and related materials

Including statistics [*formerly* 622.001]

.08 Collections and anthologies

Including collections of reports [*formerly* 620.009]

SUMMARY

622.1 Prospecting and exploratory operations
.2 Underground mining
.3 Types of mining
.4 Equipment for environmental comfort in mines
.5 Drainage and drainage systems
.6 Haulage and hoisting systems
.7 Ore dressing
.8 Hazards and accidents

.1 Prospecting and exploratory operations

► 622.12–622.15 General principles

Class general principles applied to specific ores and deposits in 622.18

.12 Surface exploration

Geological, biogeochemical, geobotanical prospecting

.13 Mineral surveys

Qualitative and quantitative measurements of mineral content

.14 Mine surveys

Determination of size, depth, shape of mines

622.15 Geophysical exploration

.152 Gravitational methods

.153 Magnetic methods

.154 Electrical methods

Self-potential, galvanic, inductive

.159 Other methods

Acoustic, vibration, radioactivity, geothermal, gas-detection methods

.18 For specific ores and deposits

Divide like **553.2–553.8**, e.g., for petroleum **622.182 82**

► **622.2–622.3 Extractive operations**

.2 Underground mining

Excavating, quarrying, stoping

Class underground mining of specific ores and deposits in **622.33–622.38**

.23 Blasting and drilling

.24 Boring

.25 Shafts and shaft sinking

.26 Tunnels and tunneling

.28 Supporting structures and their erection

.3 Types of mining

For underground mining, see **622.2**

► 622.31–622.32 Surface mining

Class surface mining of specific ores and deposits in **622.33–622.38**

.31 Open pit and strip mining

.32 Alluvial mining

Placer, hydraulic, drift mining

► 622.33–622.38 Mining specific ores and deposits

622.33 Carbonaceous deposits

Divide like **553.2**, e.g., anthracite coal **622.335**

.34 Metallic ore deposits

.341 Ferrous ores

► 622.342–622.349 Nonferrous ores

.342 Gold, silver, platinum

.343–.349 Other

Divide like **553.43–553.49**, e.g., uranium ores **622.349 3**

.35–.38 Other deposits

Divide like **553.5–553.8**, e.g., gem diamonds **622.382**

► **622.4–622.7 Ancillary equipment and operations**

.4 Equipment for environmental comfort in mines

For drainage and drainage systems, see **622.5**

[.41] Mine gases and their detection

Class in **622.81**

.42 Ventilation and air conditioning

For temperature control, see **622.43**

.43 Temperature control

.47 Illumination

.473 Portable lamps

.474 Electric lighting systems

.48 Electricity

Class electricity applied to a specific operation with the operation, e.g., temperature control **622.43**

.49 Sanitation

.5 Drainage and drainage systems

622.6 **Haulage and hoisting systems**

► 622.65–622.66 Haulage systems

For surface transportation, see 622.69

.65 Hand and animal haulage

.66 Mechanical haulage

Gravity planes, shuttle cars, conveyers, locomotives, scrapers

► 622.67–622.68 Hoisting systems

.67 Direct- and gear-driven hoists

.68 Elevators

Cages, skips, buckets

.69 Surface transportation

Loading, unloading, transhipment

.7 **Ore dressing**

.73 Crushing and grinding

.74 Sizing

► 622.75–622.77 Ore concentration

Removal of waste and mineral separation of milled ore

.75 Mechanical separation

.751 Gravity concentration

Utilization of differences in specific gravity between minerals

Including sink-float concentration, jigging

.752 Flotation

Utilization of differences in chemical composition of minerals to bring about attachment of mineral grains to air bubbles in water

.77 Electrical and magnetic separation

Utilization of differences in magnetic permeability or surface electrical conductivity between different mineral varieties

622.79 Milling plants

Class specific milling-plant operations in 622.73–622.77

.8 **Hazards and accidents**

► 622.81–622.84 Causes and prevention

.81 Explosions and gas suffocation

Including mine gases and their detection [*formerly* 622.41]

.82 Fires

.83 Earth movements

.84 Floods

.86 Rescue and relief operations

623 Military and naval engineering

Planning, structural analysis and design, construction methods, operations, maintenance, repairs

SUMMARY

623.1	Fortifications (Forts and fortresses)
.2	Demolition operations
.3	Defensive operations
.4	Ordnance
.5	Ballistics and gunnery
.6	Transportation facilities
.7	Other operations
.8	Naval engineering

► 623.1–623.7 Military engineering

.1 Fortifications (Forts and fortresses)

.12 Permanent

For specific permanent fortifications, see 623.19

.15 Temporary

.19 Specific permanent fortifications

Add area notations 3–9 to 623.19

623.2 **Demolition operations**

.26 Mine laying

.262 On land

.263 In water

27 Demolition of specific structures and systems

.271 Of communication facilities [*formerly* 623.32]

.275 Of roads, railroads, bridges

.277 Of buildings

.3 **Defensive operations**

.31 Against invasion

Including flooding, mechanical barriers, sniping

[.32] Demolition of communication facilities

Class in 623.271

.34 In trenches

.36 Against mines (Countermining)

.37 Against chemical, biological, radiological warfare

For protective construction, see 623.38

.371 Conventional bombardment [*formerly* 623.38]

.372 Gas warfare

.374 Biological warfare

.375 Nuclear warfare [*formerly* 623.38]

.38 Protective construction

Including underground shelters

Class defenses against nuclear warfare in 623.375, against conventional bombardment in 623.371, air-raid warning systems in 623.737, blackouts in 623.77 [*all formerly* 623.38]

.4 **Ordnance**

Class armored vehicles in 623.74

SUMMARY

623.41 Artillery
.42 Specific pieces of artillery
.43 Gun mounts
.44 Small arms and other weapons
.45 Ammunition
.46 Accessories
.48 Maintenance and repairs

623.41 Artillery

Large-caliber, crew-served mounted firearms

For specific pieces of artillery, see 623.42

.412 Field

.417 Coast

.418 Naval

.419 Other

.419 3 Airborne

.419 4 Space

.42 Specific pieces of artillery

Guns, howitzers, mortars, guided missile launchers

For gun mounts, see 623.43; *ammunition,* 623.45

.43 Gun mounts

Class armored cars and tanks in 623.747 5, armored trains in 623.633 [*all formerly* 623.43]

.44 Small arms and other weapons

For small-arms ammunition, see 623.455

.441 Primitive firearms

.442 Automatic and shoulder weapons

.442 4 Automatic small arms

Automatic and machine rifles, machine and submachine guns

.442 5 Shoulder weapons

Rifles, muskets, carbines

For one-man rocket launchers, see 623.442 6

.442 6 One-man rocket launchers (Bazookas)

623.443 Pistols and revolvers

.444 Side arms

Swords, bayonets, daggers, lances, trench knives

.445 Chemical devices

Flame throwers, mortars for smoke and gas projectiles

.45 Ammunition

.451 Projectiles

For tactical rockets, see **623.454 3**

.451 1 Low-velocity projectiles

Fragmentation, demolition, depth bombs placed, thrown, propelled at low velocity

For special-purpose projectiles, see **623.451 4 – 623.451 9**

.451 14 Rifle and hand grenades

.451 15 Mines

.451 19 Nuclear bombs

Class guided missiles with nuclear warheads in **623.451 9**

.451 3 High-velocity projectiles

For special-purpose projectiles, see **623.451 4 – 623.451 9**

► 623.451 4 – 623.451 9 Special-purpose projectiles

.451 4 Shrapnel

.451 6 Chemical

Incendiary, gas, smoke bombs

.451 7 High-explosives (HE)

Including torpedoes, blockbusters, high-explosive-antitank (HEAT) projectiles

For bangalore torpedoes, see **623.454 5**

.451 8 Armor-piercing (AP, APC, HVAP)

623.451 9 Guided missiles (Strategic missiles)

.451 91 Air-to-air

.451 92 Air-to-surface

.451 93 Air-to-underwater

.451 94 Surface-to-air

Interceptor, antimissile missiles

.451 95 Surface-to-surface

.451 952 Short range

.451 953 Intermediate range

.451 954 Long range

.451 96 Surface-to-underwater

.451 97 Underwater

Underwater-to-air, underwater-to-surface, underwater-to-underwater

.452 Explosives

Chemicals for propelling, bursting, demolition charges

.452 6 Propellants (Burning and deflagratory explosives)

Black powder (gunpowder), smokeless powder, nitrocellulose (guncotton), cordite, flashless and coated powders

.452 7 High explosives

Nitroglycerin, dynamite, nitroguanidine, TNT (trinitrotoluene), ammonium picrate and chlorate, PETN (pentaerythrite tetranitrate), RDX (cyclonite, hexagen), tetryl, HMTD (hexamethylene-triperoxidediamine)

Including primary explosives, e.g., mercury fulminate, lead azide and picrate, diazonitrophenol

.454 Detonators, rockets, demolition charges

.454 2 Detonators

Fuses, primers, firing mechanisms, boosters, percussion caps

.454 3 Rockets (Tactical rockets)

Jet-propelled bombs not controlled by guidance systems

[623.454 4] Pyrotechnical signal devices
Class in 623.731 3

.454 5 Demolition charges
Bangalore torpedoes, shaped charges, destructors, demolition blocks
For mines, see 623.451 15

.455 Small-arms ammunition
Bullets and cartridges

.459 Other destructive agents

.459 2 Poisons
Including poisonous gases

.459 4 Disease-causing microbes

.459 5 Radiation

.46 Accessories
Tools, sighting and range apparatus

.48 Maintenance and repairs

.5 Ballistics and gunnery

.51 Ballistics
Motion of projectiles and conditions affecting it

.513 Interior [*formerly* 623.53]
Motion of projectiles within the bore and conditions governing it

.514 Exterior [*formerly* 623.54]
Motion of projectiles after leaving gun tube and resistance encountered due to motion thru air

.516 Terminal [*formerly* 623.56]
Effect of projectiles on targets

[.53] Interior ballistics
Class in 623.513

[.54] Exterior ballistics
Class in 623.514

▶ 623.55–623.59 Gunnery
Application of ballistics to laying, aiming, firing guns

623.55 Firing and fire control

.551 On land

.553 At sea

.555 From aircraft

.556 From spacecraft

[.56] Terminal ballistics
Class in 623.516

.57 Recoil
Of mounts and guns

.59 Other aspects

.6 Transportation facilities
For vehicles, see 623.74

.62 Roads

.63 Railroads and their rolling stock

.631 Permanent way
Earthwork and superstructure

.633 Rolling stock
Including armored trains [*formerly* 623.43]

.64 Docks, breakwaters, artificial harbors

.66 Airports
Divide like 629.136, e.g., airstrips 623.661 2
Use 623.661 3 for air bases

.67 Temporary bridges

.68 Tunnels

623.7 **Other operations**

SUMMARY

623.71	Sketching and map making
.72	Photography and photogrammetry
.73	Communication facilities
.74	Vehicles
.75	Sanitation
.76	Power and light systems
.77	Camouflage

► 623.71–623.72 Topography

.71 Sketching and map making

.72 Photography and photogrammetry

.73 Communication facilities

.731 Visual signals

.731 2 Semaphore, heliograph, flag signals

.731 3 Pyrotechnical devices [*formerly* 623.454 4]

► 623.732–623.733 Wire systems

Class wireless systems [*formerly* 623.732–623.733] in 623.734–623.735

For air-raid warning systems, see 623.737

.732 Telegraphy

.733 Telephony

► 623.734–623.735 Wireless systems [*formerly* 623.732–623.733]

For air-raid warning systems, see 623.737

.734 Radio- and microwave communication

.734 1 Short-wave

.734 2 Radiotelegraphy

.734 5 Radiotelephony

.734 8 Radar

.735 Television

.737 Air-raid warning systems [*formerly* 623.38]

623.74 Vehicles

Self-propelled conveyances with directional independence

For government vessels, see 623.825–623.826

► 623.741–623.746 Aircraft

.741 Lighter-than-air

For specific types of lighter-than-air aircraft, see 623.742–623.744

► 623.742–623.744 Specific types of lighter-than-air aircraft

.742 Free balloons

.743 Airships (Dirigible balloons)

Divide like 629.133 25 – 629.133 27, e.g., rigid dirigibles 623.743 5

.744 Barrage balloons

.746 Heavier-than-air

► 623.746 2 – 623.746 7 Manned aircraft

.746 2 Trainers

.746 3 Bombers

.746 4 Fighters

.746 5 Carriers

Including transport and cargo aircraft

.746 6 Rescue aircraft

Including amphibian planes and helicopters

.746 7 Reconnaissance aircraft

.746 9 Pilotless aircraft (Guided aircraft)

.747 Motor land vehicles

.747 2 For transporting personnel

.747 22 Jeeps and similar vehicles

.747 23 Buses

.747 24 Ambulances

623.747 4 For transporting supplies

.747 5 For combat

Armored cars and tanks [*both formerly* **623.43**]

.748 Air-cushion vehicles

Divide like **629.32**, e.g., over-water vehicles **623.748 4**

.749 Spacecraft

.75 Sanitation

.751 Water supply

.753 Sewage treatment and disposal

.754 Garbage and refuse treatment and disposal

.76 Power and light systems

.77 Camouflage

Including blackouts [*formerly* **623.38**], decoy and dummy construction

.8 Naval engineering

SUMMARY

623.81	**Naval architecture**
.82	**Ships and boats**
.83	**Shipyards**
.84	**Hull construction**
.85	**Special systems**
.86	**Equipment and outfit**
.87	**Power plants (Marine engineering)**
.88	**Seamanship**
.89	**Navigation**

.81 Naval architecture

.817 Structural theory

Divide like **624.17**, e.g., deflections **623.817 14**

For structural design in specific materials, see **623.818**

.818 Structural design in specific materials

Divide like **624.18**, e.g., design in metal **623.818 2**

.819 Design tests

Including experimental model tanks for testing [*formerly* **623.831**]

623.82 Ships and boats

Construction, maintenance, repairs

Use **623.820 01 – 623.820 09** for standard subdivisions

For parts and details of ships and boats, see **623.84–623.87**

▶ 623.820 2 – 623.820 4 General types

Class specific types in **623.821–623.829**

.820 2 Small craft

.820 3 Sailing craft

.820 4 Power-driven craft [*formerly* 623.823]

▶ 623.821–623.829 Specific types

SUMMARY

623.821	**Ancient and medieval**
.822	**Wind-driven**
.823	**Small and medium craft**
.824	**Merchant ships**
.825–.826	**Government vessels**
.828	**Other power-driven vessels**
.829	**Hand-propelled and towed craft**

.821 Ancient and medieval

Caravels, galleys, sailing men-of-war, biremes, triremes

▶ 623.822–623.829 Modern

.822 Wind-driven

Clipper ships, racing yachts, rotor ships, sailboats

▶ 623.823–623.828 Power-driven

.823 Small and medium craft

Class comprehensive works on power-driven craft [*formerly* **623.823**] in **623.820 4**

.823 1 Motorboats

.823 13 Outboard

.823 14 Inboard

.823 15 Inboard-outboard

623.823 2 Tugboats and towboats
.823 4 Ferryboats
.824 Merchant ships
.824 3 Passenger
Lake, river, ocean liners
.824 5 Cargo
Freighters, bulk carriers, tankers
.824 8 Factory
Whaleboats and ship canneries

► 623.825–623.826 Government vessels
.825 Warships
.825 2 Battleships
.825 3 Cruisers
.825 4 Destroyers and destroyer escorts
.825 5 Aircraft carriers
.825 6 Landing craft
Including amphibious landing craft
.825 7 Submarines
.825 72 Diesel-engine and electric-motor powered
.825 74 Nuclear-powered
.826 Other
.826 2 Minecraft
.826 3 Police boats and revenue cutters
.826 4 Transports and hospital ships
.826 5 Supply ships
.828 Other power-driven vessels
Icebreakers, trawlers, dredgers, drilling ships
.829 Hand-propelled and towed craft
Canoes, lifeboats, barges, scows, rowboats, towed canalboats, coracles

623.83 Shipyards
Appliances and facilities used in construction, maintenance and repair of ships
[.831] Experimental model tanks for testing
Class in **623.819**

► 623.84–623.87 Parts and details of ships and boats
.84 Hull construction
.842 Lofting
.843 Metalwork
.843 2 Welding and riveting
.843 3 Shipfitting
.844 Carpentry (Shipwrights' work)
.848 Resistant construction
Fire-, heat-, pest-, shock-resistant construction
.85 Special systems
Use **623.850 01 – 623.850 09** for standard subdivisions
For power plants, see **623.87**
.850 1 Mechanical
.850 3 Electrical [*formerly* 623.852]
.850 4 Electronic
.852 Electric lighting
Class electrical systems [*formerly* **623.852**] in **623.850 3**
.853 Air conditioning and temperature controls
.853 5 Refrigeration
.853 7 Heating and air conditioning
.854 Water supply and sanitation

► 623.854 2 – 623.854 3 Water supply
.854 2 Potable water
.854 3 Sea water
For sanitation and fire fighting

623.854 6 Plumbing

.856 Communication systems [*formerly* 623.864]

Wire and wireless

.86 Equipment and outfit

.862 Gear and rigging

Rope, masts, spars, rudder, sails, cordage, anchors

.863 Nautical instruments

.864 Flares and other portable lights

Class communication systems [*formerly* **623.864**] in **623.856**

.865 Lifesaving equipment

.866 Furniture

.87 Power plants (Marine engineering)

.872 Engines

.872 2 Steam

.872 3 Other

Divide like **621.433–621.437**, e.g., diesel engines **623.872 36**

.872 8 Nuclear

.873 Engine auxiliaries

Boilers, piping, condensers, blowers, pumps, propellers, shafting

.874 Fuels

.88 Seamanship

Art and science of handling ships

Class rules of the road [*formerly* **623.88**] in **340**

.882 Handling specific types of ships and boats

Divide like **623.82**, e.g., handling warships **623.882 5**

For special aspects, see **623.888**

623.888 Special aspects

.888 2 Knotting and splicing ropes and cables

.888 4 Collision and grounding prevention

.888 5 Wreckage studies

Determination of causes of accidents thru examination of remains

.888 7 Rescue techniques

.89 Navigation

Selection and determination of course

For celestial navigation, see **527**

.892 Geonavigation

For aids to geonavigation, see **623.893–623.894**

.892 2 Piloting

Positioning ships by visual observation of objects of known position

For approach and harbor piloting, see **623.892 9**

.892 3 Dead reckoning

.892 9 Pilot guides (Approach and harbor piloting)

Add area notations **4–9** to **623.892 9**

► 623.893–623.894 Aids to geonavigation

.893 Electronic aids

► 623.893 2 – 623.893 3 Direction- and position-finding devices

.893 2 Radio aids

Radio beacons, radio compasses, loran

.893 3 Microwave aids

Radar, racon, shoran

.893 8 Sounding devices

Sonar, other echo and sound ranging devices

623.894 Other aids

.894 2–.894 4 Markers

Divide like **627.922–627.924**, e.g., lighthouses **623.894 2**

.894 5 Light lists

.894 9 Tide and current tables

624 Civil engineering

For specific branches of civil engineering, see **625–628**

SUMMARY

624.1	**Structural engineering**
.2	**Bridges**
.3	**Trussed and girder bridges**
.4	**Tubular and box-girder bridges**
.5	**Suspension bridges**
.6	**Arch bridges**
.7	**Compound bridges**
.8	**Movable bridges**
.9	**Roofs**

.1 Structural engineering

For superstructures, see **624.2–624.9**

.101 Philosophy and theory

Class structural theory in **624.17**

SUMMARY

624.15	**Foundation engineering**
.16	**Other supporting structures**
.17	**Structural theory**
.18	**Structural design in specific materials**
.19	**Tunnels**

.15 Foundation engineering

.151 Foundation soils

Mechanics of soils supporting structures

Including permafrost

.151 3 Tests of strength

.151 4 Content analysis

.151 7 Surveys

624.152 Excavation

Earthwork, shoring, rock excavation

.153 Foundation materials

Divide like **620.12–620.19**, e.g., iron **624.153 7**

► 624.154–624.158 Specific types of foundations

Planning, structural analysis and design, construction methods

.154 Pile

.156 Floating

Platform and cantilever foundations

.157 Underwater (Subaqueous)

► 624.157 1 – 624.157 6 Construction methods

.157 1 Cofferdam

.157 2 Crib and open-caisson

.157 3 Pneumatic-caisson

.157 4 Freezing

.157 5 Pneumatic forcing

.157 6 Dredging

.158 Pier

.16 Other supporting structures

Planning, structural analysis and design, construction methods of piers, abutments, embankments, retaining walls

.17 Structural theory

Class a specific application with the subject

.171 Structural analysis

Reactions and displacements (deflections) occurring in loaded structures

For loads, stresses, strains, see **624.172–624.176**

.171 3 Statical determinacy

.171 4 Deflections

.171 5 Moment distribution

► 624.172–624.176 Loads, stresses, strains

624.172 Loads

Determination of dead and live loads, calculation of critical loadings

For wind loads, see **624.175**

.175 Wind loads

.176 Stresses and strains

Produced by loads, winds, earthquakes, vibrations, impacts, blasts, temperature changes

.177 Structural design

Determination of materials for structure and proportions of the structural elements

For structural design in specific materials, see **624.18**

► 624.177 2 – 624.177 9 Structural elements

.177 2 Beams, girders, slabs

.177 3 Trusses and frames

.177 4 Cables

.177 5 Arches

.177 6 Shells

.177 9 Other elements

.18 Structural design in specific materials

.182 In metal

.183 In masonry, ceramic and allied materials

Brick, cement, concretes, tile, glass

.184 In wood

.189 In other materials

.19 Tunnels

Planning, structural analysis and design, construction methods

.192 Mountain

.193 Underground

.194 Underwater

.199 Other

► 624.2–624.9 Superstructures

For buildings, see **690**

624.2 **Bridges**

For specific types of bridges, see **624.3–624.8**

.25 Structural analysis and design

.252 Loads, stresses, strains

.253 Floor systems

.257 Structural elements

[.27] Girder bridges

Class in **624.37**

.28 Construction methods

► **624.3–624.8 Specific types of bridges**

Planning, structural analysis and design, construction methods

.3 **Trussed and girder bridges**

► 624.32–624.35 Trussed bridges

For trussed arch bridges, see **624.7**

.32 Trestle

.33 Continuous

Bridges consisting of beams, girders, or trusses extending uninterruptedly over more than two supports

.35 Cantilever

.37 Girder bridges [*formerly* 624.27]

.372 Simple girder

.375 Covered girder

.378 Plate- and lattice-girder

For plate-girder suspension bridges, see **624.7**; *box-girder bridges,* **624.4**

624.4 **Tubular and box-girder bridges**

.5 **Suspension bridges**

For plate-girder suspension bridges, see 624.7

.52 Primitive

Rope bridges of hammock and basket types

.55 Modern

Wire-cable, self-anchored, eyebar-chain, rope-strand cable suspension bridges

.6 **Arch bridges**

Hinged and hingeless

For trussed arch bridges, see 624.7

.63 Of masonry

.67 Of metal

.7 **Compound bridges**

Plate-girder suspension bridges and trussed arch bridges

.8 **Movable bridges**

.82 Bascule

.83 Swing

.84 Vertical-lift

.86 Transporter

.87 Pontoon

.9 **Roofs**

Planning, structural design and analysis, construction methods

For covering, maintaining, repairing roofs, see 695.1–695.7

.92 Pitcht and gable

Hipt, gambrel, curb, saddle, lean-to, mansard roofs

.93 Flat

.95 Domed, vaulted, shell

► 625–628 Specific branches of civil engineering

For vehicles, see 629.1–629.4

625 Railroads and their rolling stock, roads and highways

Planning, structural analysis and design, construction methods, maintenance, repairs

SUMMARY

625.1	Railroads
.2	Railroad rolling stock
.3	Inclined, mountain, ship railways
.4	Rapid transit systems
.5	Cable and aerial railways
.6	Electric railways
.7	Roads and highways
.8	Artificial road surfaces

.1 **Railroads**

Use 625.100 1 – 625.100 9 for standard subdivisions

For special-purpose railways, see 625.3–625.6

.101 Standard-gage railroads

.102 Narrow-gage railroads

.103 Monorailroads

.11 Surveying

Reconnaissance, preliminary surveys, final location surveys

Including roadway design, determination of grades, curves, switchbacks, right of way

► 625.12–625.16 Permanent way

For maintenance and repairs, see 625.17

.12 Earthwork

.122 Soil surveys

Soil profiles, tests and analysis of subgrade soils

.123 Roadbed preparation

Clearing and grubbing, compaction, excavation, rock cutting, earth and rock haulage, grading, formation of embankments, cuts, fills

625.13 Protective structures

Including snow fences, permanent snowsheds, retaining walls

.14 Superstructure

For rails and rail fastenings, see **625.15**; *track accessories,* **625.16**

.141 Ballast

.143 Ties (Sleepers) and tie plates

.144 Track laying

For tracks over ice cover, see **625.147**

.146 Monorail tracks

.147 Tracks over ice cover [*formerly* 625.892]

.15 Rails and rail fastenings

Rail joints, tie pads, spikes, rail anchors

.16 Track accessories

Design, construction, installation

.163 Turnouts and crossings

Switches, frogs, sidings

.165 Signals

.17 Maintenance and repairs

Including snow removal operations

.18 Railroad yards (Terminal layouts)

.19 Model railroads and trains

.2 Railroad rolling stock

Planning, structural analysis and design, construction methods, maintenance, repairs

Class rolling stock for special-purpose railways in **625.3–625.6**

For model trains, see **625.19**

► 625.21–625.26 For standard- and narrow-gage railroads

.21 Running gear

Wheels, axles, bearings, springs

► 625.22–625.24 Specific types of cars

625.22 Work cars (Nonrevenue rolling stock)

Locomotive cranes and shovels, handcars, railroad snowplows, ditchers, flangers, derrick cars, cabooses, wrecking cars

.23 Passenger cars

Coaches, chair cars, diners, club cars, lounge cars, sleeping cars, baggage cars, mail cars

.24 Freight cars

Refrigerator cars, automobile cars, boxcars, cattle cars, tank cars, hoppers, gondola cars, flatcars

.25 Accessory equipment

Brakes, couplings, buffers

.26 Locomotives

For steam locomotives, see **621.13**

.262 Gas-turbine

.263 Electric

.265 Air-compression powered

.266 Diesel and semidiesel

.27 Mechanical operation

.28 Monorail rolling stock

► **625.3–625.6 Special-purpose railways**

Roadbeds, tracks and accessories, conveying apparatus, rolling stock

.3 Inclined, mountain, ship railways

.32 Funicular

.33 Rack

.39 Ship

.4 Rapid transit systems

.42 Underground (Subways)

.44 Elevated

625.5 **Cable and aerial railways**

For funicular railways, see **625.32**

.6 **Electric rail and trolley systems**

Local and light interurban surface systems

.65 Roadbeds, tracks and accessories

.66 Streetcars and trolleybuses

.7 **Roads and highways**

For artificial road surfaces, see **625.8**

.71 Rural and urban road systems

.72 Surveying

Reconnaissance, preliminary surveys, final location surveys

Including highway design, determination of grades, curves, bankings

.73 Earthwork

.732 Soil surveys

Including soil profiles, tests and analysis of subgrade soils

.733 Foundation preparation

Clearing and grubbing, compaction, excavation, rock cutting, earth and rock haulage, grading, formation of embankments, cuts, fills

.734 Protective structures

Drainage dikes, gutters, ditches, culverts, pipes, conduits

.735 Highway materials and their tests

Road aggregates, bituminous and nonbituminous materials

► 625.74–625.75 Soil roads

.74 Stabilized soil roads

Granular stabilized, bituminous stabilized, gravel, soil-cement roads

Including soil stabilization processes

For surfacing, see **625.75**

.75 Surfacing

625.76 Maintenance and repairs

.761 Damages and their repairs

Patching, blading, dragging, scarifying, resurfacing, resealing, shoulder maintenance

Including frost damages

.763 Snow and ice control measures

Use of snowplows, power graders, bank-slicers, sanders, stock-piled abrasives, snow guides, snow fences

For municipal snow and ice removal, see **628.466**

.77 Roadside improvement

Design, construction, maintenance of highway rest areas, parking turnouts, picnic areas

.78 Subsurface structures

Class drainage structures in **625.734**

.79 Other topics

.792 Ice crossings [*formerly* 625.892]

Ice and snow-compacted roads

.8 **Artificial road surfaces**

Design, construction, materials of vehicular thorofare and pedestrian pavements

For maintenance and repairs, see **625.76**

► 625.81–625.86 Vehicular pavements in specific materials

Class sidewalks in specific materials [*formerly* **625.81–625.86**] in **625.881–625.886**

.81 Flagstones

.82 Brick and stone

.83 Wood

.84 Rigid materials

Portland cement concrete and other concretes

► 625.85–625.86 Flexible materials

625.85 Rock, sheet, sand asphalts and bituminous concrete

.86 Macadam and telford surfaces

.88 Sidewalks and auxiliary pavements

.881–.886 Sidewalks in specific materials [*formerly* 625.81–625.86]

Divide like **625.81–625.86**, e.g., brick sidewalks **625.882**

► 625.888–625.889 Auxiliary pavements

.888 Curbs

.889 Other

Including driveways, parking aprons

.89 Other surfaces

[.892] Ice crossings and tracks over ice cover

Class ice crossings in **625.792**, tracks over ice cover in **625.147**

626

627 Hydraulic engineering and construction works

Planning, structural analysis and design, construction methods, maintenance, repairs

For sanitary engineering, see 628

SUMMARY

627.1	Inland waterways
.2	Harbors, ports, roadsteads
.3	Port installations
.4	Flood control
.5	Reclamation
.7	Underwater operations
.8	Dams and reservoirs
.9	Other hydraulic structures

.1 Inland waterways

Improvement of navigable waterways

For underwater operations, see 627.7

627.12 Rivers

Class lakes [*formerly* 627.12] in **627.14**

.122 Silt and sedimentation

Measurement, analysis, preventive measures

.123 Water diversions for depth increase

Including construction of barrages

.124 River mouths and estuaries

.125 Applied hydrodynamics

Divide like **532.5**, e.g., measurement of stream velocity **627.125 7**

.13 Canals

.131 Surveying

Reconnaissance, preliminary surveys, final location surveys

.132 Earthwork

Clearing and grubbing, excavation, rock cutting, earth and rock haulage, grading, formation of banks and embankments

.133 Protective devices

Bank protection and reinforcement

.134 Feeding

Water supply for canals

.135 Specific devices

.135 2 Locks, gates, sluices

.135 3 Lifts, inclines, ramps

.135 9 Other

.136 Maintenance and repairs

► 627.137–627.138 Specific types of canals

Class engineering and construction details in **627.131–627.136**

.137 Ship

.138 Barge

.14 Lakes [*formerly* 627.12]

627.2 **Harbors, ports, roadsteads**

For port installations, see 627.3

.22 Anchorages and mooring grounds

.23 Channels and fairways

.24 Protective devices

Jetties [*formerly* 627.6], breakwaters, seawalls

.3 **Port installations**

For navigation aids, see 627.92

► 627.31–627.35 For merchant ships and ferryboats

.31 Docks

Structures for mooring vessels, and handling cargo and passengers

.312 Wharves, quays, berths

Docks parallel to shore

.313 Piers

Docks projecting into water

.32 Mooring structures (Dolphins)

.33 Port buildings

.34 Cargo-handling equipment

.35 Other terminal facilities

Including drydocks

.38 Small-boat installations (Marinas)

.4 **Flood control**

For dams and reservoirs, see 627.8

.42 Water retention

By erection of dikes, seawalls, levees

.44 Water storage

In ponds, lakes, other reservoirs

627.45 Water diversion

Thru enlargement of natural channels and construction of auxiliary channels

.5 **Reclamation**

► 627.52–627.54 Land reclamation

For shore reclamation, see 627.58

.52 By irrigation

Construction and use of irrigation canals, flumes, conduits

For dams, see 627.8

.54 By drainage

.56 Water reclamation

Artificial recharge to ground water thru surface spreading and subsurface injection

.58 Shore reclamation

Prevention of beach erosion by construction of seawalls and stabilization of dunes

[.6] **Jetties**

Class in 627.24

.7 **Underwater operations**

Use 627.700 1 – 627.700 9 for standard subdivisions

.702 Construction operations

.703 Salvage operations

.704 Research operations

.705 Maintenance operations

► 627.72–627.79 Specific operations

.72 Diving

.73 Dredging

.74 Blasting

.75 Drilling

.79 Other

627.8 **Dams and reservoirs**

.81 General principles

Planning, surveying, earthwork, materials

Class general principles applied to specific dams and reservoirs in 627.82–627.86

► 627.82–627.85 Specific kinds of dams

For ancillary structures, see 627.88

.82 Masonry

Gravity, arch, arch-gravity, buttress dams

.83 Earth- and rock-fill

Including rock-fill dams with concrete facing

.84 Movable

Bear-trap, bridge, shutter and wicket, roller, frame, curtain dams

.85 Metal

.86 Reservoirs

For ancillary structures, see 627.88

.88 Ancillary structures

.882 Sluices, gates, penstocks

.883 Spillways and weirs

.9 Other hydraulic structures

.92 Navigation aids

.922 Lighthouses

.923 Lightships

.924 Beacons, buoys, daymarks

.98 Artificial islands

Radar and drilling platforms

628 Sanitary and municipal engineering and construction works

Planning, structural analysis and design, construction methods, maintenance, repairs

For plumbing, see 696

SUMMARY

628.1 Municipal water supply
.2 Sewerage
.3 Sewage treatment and disposal
.4 Municipal sanitation
.5 Industrial sanitation
.7 Sanitary engineering for rural and isolated areas
.9 Other branches

.1 Municipal water supply

SUMMARY

628.11 Sources
.13 Storage
.14 Collection and distribution systems
.15 Mains and service pipes
.16 Contamination and treatment
.17 Consumption

.11 Sources

Lakes, rivers, springs, wells

.13 Storage

Reservoirs, storage tanks, water towers

.14 Collection and distribution systems

For mains and service pipes, see 628.15

.142 Intakes

Including intake conduits and aqueducts

.144 Distribution systems

.15 Mains and service pipes

628.16 Contamination and treatment

► 628.162–628.167 Treatment for potability and industrial use

.162 Sedimentation and coagulation

.164 Filtration

.165 Aeration and deaeration

.166 Chemical treatment

.166 2 Disinfection

Chlorination, superchlorination, dechlorination, ozone treatment, copper sulfate treatment, ultraviolet radiation

.166 3 Fluoridation

.166 6 Softening processes (Demineralization processes)

.166 7 Defluoridation

.167 Sea-water conversion

.167 2 By distillation

Including use of solar and nuclear energy

.167 3 By electrolysis

.167 6 With gas hydrates

.168 Pollution and countermeasures

Class treatment in **628.162–628.167**

► 628.168 2 – 628.168 5 Pollution from specific sources

.168 2 From sewage [*formerly* 628.39] and domestic waste

.168 3 From industrial waste [*formerly* 628.54]

.168 4 From agricultural waste

.168 5 From radioactive isotopes

.168 6 Pollution surveys

.168 8 Abatement programs

.17 Consumption

.172 Domestic

.173 Industrial

628.174 Agricultural

.177 Measurement

Including meters

► **628.2–628.3 Municipal sewerage and sewage**

.2 Sewerage

.21 Systems

► 628.23–628.25 Sewers

.23 Ventilation and deodorization

.24 Design, construction, maintenance

.25 Appurtenances

Manholes, house connections, flushing apparatus, inlets, catch basins, regulators, valves, penstocks, ventilators, traps

[.28] Septic tanks

Class in **628.742**

.29 Pumping stations

.3 **Sewage treatment and disposal**

► 628.32–628.35 Treatment

.32 Disinfection

.34 Primary treatment

Screening, skimming, primary sedimentation

.35 Secondary treatment

.352 Filtration (Trickling filter process)

.353 Secondary sedimentation

.354 Activated sludge process

Aeration, sludge and anaerobic digestion

► 628.36–628.39 Disposal

.36 On land

Including sewage irrigation

.39 Into water

Disposal into streams, sea, other bodies of water

Class water pollution from sewage [*formerly* **628.39**] in **628.118 2**

628.4 **Municipal sanitation**

For municipal water supply, see **628.1**; *municipal sewerage and sewage,* **628.2–628.3**

[.41–.43] Unsewered sewage disposal

Class in **628.742**

.44 Garbage and refuse

.442 Collection

.445 Treatment and disposal

By conversion into fertilizers [*formerly* **628.49**], burial, incineration, reduction

.45 Comfort stations

.46 Street cleaning

.462 Sprinkling and sweeping

.466 Snow and ice removal

[.49] Conversion of garbage and refuse into fertilizers

Class in **628.445**

.5 **Industrial sanitation**

.51 Industrial plants

[.52] Effluvium control

Class in **628.53**

.53 Air pollution and countermeasures

Including effluvium control [*formerly* **628.52**]

Divide like **614.71**, e.g., smog **628.532**

.54 Waste treatment and disposal

Class water pollution from industrial wastes [*formerly* **628.54**] in **628.168 3**

For treatment of radioactive wastes, see **621.483 8**

.7 **Sanitary engineering for rural and isolated areas**

.72 Water supply

628.74 Sewage and other waste

.742 Unsewered sewage disposal [*formerly* 628.41–628.43]

Including septic tanks [*formerly* **628.28**]

.744 Garbage and refuse disposal

.9 **Other branches**

.92 Fire-fighting technology

► 628.93–628.95 Municipal lighting

Lighting for streets, parks, amusement areas

For airport lighting systems, see **629.136 5**

.93 Gas

.95 Electric

.96 Extermination of insects and rodents

629 Other branches

Planning, structural analysis and design, construction methods, operations, maintenance, repairs

SUMMARY

629.1	**Flight vehicles and engineering**
.2	**Motor land vehicles**
.3	**Ground-effect machines**
.4	**Astronautics**
.8	**Automatic control engineering**

► **629.1–629.4 Vehicles**

Self-propelled conveyances with directional independence

For ships and boats, see **623.82**

.1 **Flight vehicles and engineering**

For astronautics, see **629.4**

.13 Aeronautics

Use **629.130 01 – 629.130 09** for standard subdivisions

.130 1–.130 8 Standard subdivisions of flight

629.130 9 Historical and geographical treatment of flight

.130 91 Transoceanic flights

Divide like **551.461–551.469**, e.g., transpacific flights **629.130 915**

Do not use for other regional treatment

.130 94–.130 99 Flights in specific continents, countries, localities

Add area notations **4–9** to **629.130 9**

SUMMARY

629.132	**Principles of flight**
.133	**Aircraft**
.134	**Aircraft details**
.135	**Aircraft instruments and equipment**
.136	**Airports**
.138	**Special developments**

.132 Principles of flight

Mechanics and operational techniques

.132 2 Aerostatics

.132 3 Aerodynamics

Use **629.132 300 1 – 629.132 300 9** for standard subdivisions

.132 303–.132 306 At specific speed levels

Divide like **533.273–533.276**, e.g., supersonic aerodynamics **629.132 305**

.132 31 Gliding, soaring, diving

.132 32 Airflow

For boundary layers, see **629.132 37**

.132 322 Incompressible

.132 323 Compressible

.132 33 Lift and thrust

.132 34 Drag (Air resistance)

.132 35 Pressure distribution

.132 36 Stability and control

.132 362 Aeroelasticity, flutter, vibration

629.132 364 Moments of inertia

Roll, pitch, yaw

Including restoring torques and damping

.132 37 Boundary layers

Region of retarded airflow near surface of moving aircraft due to viscosity of air

.132 38 Propulsion principles

.132 4 Weather conditions and aerodynamics

.132 5 Flying and related topics

► 629.132 51 – 629.132 52 Flight engineering

.132 51 Navigation

Selection and determination of course

For celestial navigation, see **527**

.132 52 Piloting

Including operation of lighter-than-air aircraft [*formerly* **629.133 2**], of heavier-than-air aircraft other than airplanes [*formerly* **629.133 3**]

.132 54 Flight guides

Maps, charts, logbooks, pilot guides

.132 55 Wreckage studies

Determination of causes of accidents thru examination of remains

.132 6 Command systems

Geomagnetic, celestial, and electronic systems of controlling guided aircraft

.133 Aircraft

For aircraft details, see **629.134**

.133 1 Models and modelmaking

Divide like **629.133 2 – 629.133 3**, e.g., models of helicopters **629.133 135**

629.133 2 Lighter-than-air aircraft

Class operation of lighter-than-air aircraft in **629.132 52**, specific details in **629.134** [*both formerly* **629.133 2**]

.133 22 Free and captive balloons

.133 24 Airships (Dirigible balloons)

For specific types of dirigibles, see **629.133 25 – 629.133 27**

► 629.133 25 – 629.133 27 Specific types of dirigibles

.133 25 Rigid

.133 26 Semirigid

.133 27 Nonrigid

.133 3 Heavier-than-air aircraft

Class operation of heavier-than-air aircraft other than airplanes in **629.132 52**, specific details in **629.134** [*both formerly* **629.133 3**]

.133 32 Kites

.133 33 Gliders

.133 34 Airplanes

Powered craft with stationary wings

For rocket planes, see **629.133 38**

.133 343 Piston-driven landplanes

.133 347 Seaplanes (Hydroplanes)

.133 348 Amphibian planes

.133 349 Jet-propelled landplanes

.133 35 Rotary-wing aircraft

Helicopters, autogyros, other vertical-lift crafts

.133 36 Orthopters (Ornithopters)

.133 38 Rocket planes

Rocket-propelled, high-speed, high-altitude test vehicles

.133 39 Other

629.134 Aircraft details

Including specific details of lighter-than-air aircraft [*formerly* **629.133 2**], of heavier-than-air aircraft other than airplanes [*formerly* **629.133 3**]

For aircraft instruments and equipment, see **629.135**

SUMMARY

629.134 1 **Structural analysis and design**
.134 2 **Manufacturing and assembling techniques**
.134 3 **Parts and details**
.134 4 **Interiors and special equipment**
.134 5 **Tests**
.134 6 **Maintenance and repairs**

► 629.134 1 – 629.134 2 Of aircraft in general

For aircraft tests, maintenance, repairs, see **629.134 5 – 629.134 6**

.134 1 Structural analysis and design

.134 2 Manufacturing and assembling techniques

Including materials, tests, equipment

.134 3 Parts and details

Structural analysis and design, construction methods, maintenance, repairs

.134 31 Airframes

Class a specific component part with the subject

► 629.134 32 – 629.134 33 Airfoils

Class propeller blades in **629.134 36**

.134 32 Wings and wing accessories

.134 33 Control surfaces (Movable airfoils)

Fins, flaps, ailerons, elevators, rudders, stabilizers

.134 34 Fuselages

► 629.134 35 – 629.134 36 Power plants

629.134 35 Engines, fuels, propellants

.134 351 Fuels and propellants

Chemical and nuclear

Class fuels and propellants for a specific engine with the engine

► 629.134 352 – 629.134 353 Air-breathing engines

.134 352 Reciprocating and compound engines

Piston and compound piston-turbine engines

.134 353 Gas-turbine and jet engines

.134 353 2 Turboprop

.134 353 3 Turbojet

.134 353 4 Turboramjet

.134 353 5 Ramjet

.134 353 6 Pulse-jet

.134 353 7 Fan-jet

.134 354 Self-sustaining engines

Rocket engines

.134 36 Propellers (Air screws)

.134 37 Rigging and bracing equipment

.134 38 Other

.134 381 Take-off and landing gear

.134 386 Escape equipment

Pilot-seat ejectors, capsule cockpits, parachutes

.134 4 Interiors and special equipment

.134 42 Comfort devices

Soundproofing, heating, ventilating, air conditioning, pressurization

.134 43 Safety devices

Safety belts, life rafts, fire-prevention and first-aid equipment

► 629.134 5 – 629.134 6 Aircraft tests, maintenance, repairs

Class tests, maintenance, repairs of aircraft parts in **629.134 3**

629.134 5 Tests

.134 52 Factory inspection

.134 53 Flight tests (Performance tests)

.134 6 Maintenance and repairs

.135 Aircraft instruments and equipment

► 629.135 1 – 629.135 3 Instruments

.135 1 For navigation

Radio compasses (direction finders), air-mileage indicators, air-position indicators, landing and navigation lights

Class automatic pilots, altimeters, air-speed indicators, vertical-speed indicators [*all formerly* **629.135 1**] in **629.135 2**

.135 2 For flight operations

Automatic pilots, altimeters, air-speed indicators, vertical-speed indicators [*all formerly* **629.135 1**], turn-and-bank indicators, accelerometers, Machmeters, gyrohorizons, directional gyros

.135 3 For power-plant monitoring

► 629.135 4 – 629.135 5 Equipment

.135 4 Electrical

.135 5 Electronic

.135 9 Other

.136 Airports

.136 1 Specific types

Class details in **629.136 3 – 629.136 8**

.136 12 Airstrips

.136 13 Commercial land airports

.136 14 Seadromes

.136 15 Floating airports

.136 16 Heliports

► 629.136 3 – 629.136 8 Details

629.136 3 Runways
.136 34 Pavements
.136 35 Drainage systems
.136 37 Snow removal and compaction
.136 4 Terminal buildings
.136 5 Lighting systems
Control-tower and boundary lighting systems
.136 6 Air traffic control systems
Radio and radar control devices
.136 8 Fire-fighting equipment

.138 Special developments
[.138 8] Astronautics
Class in **629.4**

.2 Motor land vehicles
[.213] Laws and regulations
Class law in **340**, taxation in **336.2**, registration, licensing, inspection in **350.875–350.878**, wreckage studies in **629.282 6**

SUMMARY

629.22 Types
.23 Design, materials, construction
.24 Chassis
.25 Power plants
.26 Bodies and bodywork
.27 Body accessories
.28 Tests, operation, maintenance, repairs

.22 Types
.221 Models and modelmaking
Divide like **629.222–629.229**, e.g., models of racing cars **629.221 8**

► 629.222–629.228 Gasoline-, oil-, man-powered vehicles
For specific details, see **629.23–629.27**

629.222 Passenger automobiles
.222 2 For private transportation
Including sport cars, three-wheel cars
Arrange alphabetically by name of car
.222 3 For public transportation
.222 32 Taxicabs
.222 33 Buses
.222 34 Ambulances

► 629.223–629.224 Trucks
Class comprehensive works in **629.224**

.223 For light trucking
.224 For heavy trucking
Moving vans, freight and dump trucks
.225 Tractors
Four-wheeled and endless-belt tractors
.226 Trailers
.227 Cycles
.227 1 Monocycles
.227 2 Bicycles and motor bicycles
.227 3 Tricycles
.227 5 Motorcycles
.227 6 Tandems
.228 Racing cars
Karts (midget cars), conventional and converted racing cars
.229 Other
.229 2 Steam automobiles
.229 3 Electric automobiles
.229 4 Air-compression automobiles

► 629.23–629.27 Specific details

629.23 Design, materials, construction

Class design and construction of parts in **629.24–629.27**

.231 Structural analysis and design

.232 Materials

For specific tests of materials, see **629.233**

.233 Specific tests of materials

.234 Manufacturing techniques

Including factory inspection

► 629.24–629.27 Parts

Design, construction, maintenance, repairs

.24 Chassis

For power plants, see **629.25**

.242 Supporting frames

.243 Springs and shock absorbers

.244 Transmission devices

.245 Rear axles, differentials, drive shafts

.246 Brakes

.247 Front axles and steering gear

.248 Wheels

Rims, hubs, bearings, tires

.25 Power plants

Use **629.250 01 – 629.250 09** for standard subdivisions

.250 3–.250 6 Specific types of engines

Divide like **621.433–621.436**, e.g., diesel engines **629.250 6**

Class parts and auxiliary systems in **629.252–629.258**

► 629.252–629.258 Parts and auxiliary systems

629.252 Motor parts

Cylinders, piston assemblies, crankcases, bearings, valve mechanisms, manifolds, mufflers

.253 Fuels and fuel systems

Carburetors and carburetion, vaporizers, fuel controls, specific fuels

.254 Ignition and electrical systems

Batteries, generators, spark plugs, distributors, ignition controls

For lighting equipment, see **629.271**

.255 Lubricants and lubricating systems

.256 Cooling systems

Radiators, fans, pumps, controls, antifreeze solutions

.257 Starting devices

.258 Control devices

Valve, throttle, spark control devices

.26 Bodies and bodywork

Interior trim and external finish

Including windshields, windows, running boards, fenders

For body accessories, see **629.27**

.27 Body accessories

.271 Lighting equipment

.273 Panel instrumentation

.275 Hardware

Locks, handles, hinges

.276 Bumpers

.277 Heaters and air conditioners

629.28 Tests, operation, maintenance, repairs

.282 Tests and related topics

For factory inspection, see **629.234**

.282 4 Road tests (Performance tests)

.282 5 Periodic inspection and roadability tests

.282 6 Wreckage studies [*formerly* 629.213]

Determination of mechanical failure thru examination of remains

---

► 629.283–629.284 Operation

Methods of driving, factors in safe driving

.283 Of passenger cars

Divide like **629.222**, e.g., driving buses **629.283 33**

.284 Of other types of motor vehicles

Divide like **629.223–629.229**, e.g., driving freight trucks **629.284 4**

.286 Garages and service stations

Tools, equipment, services

For maintenance and repairs, see **629.287–629.288**

► 629.287–629.288 Maintenance and repairs

Class maintenance and repairs of parts in **629.24–629.27**

.287 By mechanics and technical personnel

Washing, lubrication, adjustment and replacement of parts

Arrange alphabetically by name of car

.288 By nontechnical personnel

Preventive maintenance and repair

Arrange alphabetically by name of car

629.3 **Ground-effect machines**

.31 General principles

.313 Lift systems

.314 Propulsion systems

.317 Structural analysis and design

.32 Air-cushion vehicles

.322 Overland

.324 Overwater

.325 Amphibious

.4 **Astronautics [*formerly* 629.138 8]**

SUMMARY

629.41 General principles
.42 Propulsion systems
.43 Flight of unmanned vehicles
.44 Space stations
.45 Flight of manned vehicles
.46 Unmanned vehicles
.47 Manned vehicles
.49 Special developments

.41 General principles

.411 Astrodynamics

Application of celestial mechanics to space flight

Divide like **521.1–521.4**, e.g., orbit determination **629.411 3**

.415 Planetary atmospheres

Exit and entry problems

.415 1 Aerodynamics

.415 2 Thermodynamics

.418 Weightlessness

.42 Propulsion systems

Power plants (rockets) and ancillary instrumentation and equipment

.422 Specific systems

.422 2 Thermochemical

Liquid and solid propellant rocket systems

629.422 3 Nuclear
Fission and fusion systems

.422 4 Photon

.422 5 Magnetohydrodynamic
Including plasma and ion rockets

.422 9 Other

► 629.423–629.424 Materials

Class materials for a specific type of rocket with the rocket system

.423 Construction materials

.424 Fuels

.43 Flight of unmanned vehicles

.432 Launching devices

.433 Guidance and homing systems

.434 Artificial satellites

For use of instrumental vehicles in space probes and soundings, see **629.435**

.435 Space probes and soundings
Including use of instrumental vehicles

.435 2 Ionospheric and near-space soundings

.435 3 Lunar probes

.435 4 Other exploratory operations
Divide like **523.4**, e.g., Venusian probes **629.435 42**

.437 Communication and tracking systems

.44 Space stations

.45 Flight of manned vehicles
Use **629.450 01 – 629.450 09** for standard subdivisions

.450 1 Projected accounts

.452 Launching and take-off devices

629.453 Guidance, homing, navigation systems

.454 Lunar flights

.455 Interplanetary flights
Divide like **523.4**, e.g., flights to Mars **629.455 3**

.457 Communication and tracking systems

.458 Piloting

.458 2 Systems

.458 3 Orbital rendezvous

.458 8 Atmospheric entry

► 629.46–629.47 Spacecraft

Structural analysis and design, construction methods, maintenance, repairs

For propulsion systems, see **629.42**

.46 Unmanned vehicles
Including expandable space structures

.47 Manned vehicles

.471 Structural analysis and design

.472 Materials

.473 Construction methods

.474 Auxiliary power systems

► 629.477–629.478 Logistics

.477 Life-support systems
Control of temperature, humidity, air supply and pressure, wastes
Including space suits, food supply

.478 Ground-support systems
Including maintenance, repairs, preflight checks

.49 Special developments

629.8 **Automatic control engineering**

.82 Open-loop systems

Mechanisms in which outputs have no effect on input signals

.83 Closed-loop systems (Feedback systems)

Mechanisms which maintain prescribed relationships between the controlled outputs and the inputs

.831 General principles

.831 2 Mathematical design, analysis, synthesis

.831 3 Circuitry

.831 4 Feedback characteristics

.831 5 System components

Error detectors, amplifiers, error correctors

.831 7 Construction and assembly methods

.831 8 Maintenance and repairs

► 629.832–629.833 Linear systems

.832 Servomechanisms

Single-loop position-control systems

.833 Multiple-loop systems

.836 Nonlinear systems

Including adaptive control systems

.89 Special developments

630 Agriculture and agricultural industries

Class accounting for agriculture in **657.863**, business management in **658** [*both formerly* **630**]

.1 **Philosophy and theory**

.11 Agricultural life

Add area notations **1–9** to **630.11**

[.15] Scientific aspects

Do not use; class in **630.21–630.29**

.2 **Miscellany**

.202 Synopses, outlines, manuals

.203 Agriculture as a profession, occupation, hobby

.204 Works for specific types of users

Divide like **920.1–928.9**, e.g., agriculture for missionaries **630.204 2**

.207 Inventions and identification marks

Divide like standard subdivision **027**, e.g., patents **630.207 2**

.208 Techniques, apparatus, equipment

.21–.29 Scientific aspects

Divide like **510–590**, e.g., agricultural physics **630.23**

.7 **Study and teaching**

.71 In educational institutions and by agricultural agencies

.711 Colleges and universities

Add area notations **1–9** to **630.711**

.712 Secondary schools

Add area notations **1–9** to **630.712**

.715 Extension work [*formerly* 630.717]

For extension work for young people, see **630.717**

.715 2 Institutes and workshops

.715 3 Radio and television classes

.715 4 Correspondence courses

.717 Extension work for young people

Class general extension work [*formerly* **630.717**] in **630.715**

► 631–632 General principles

Class general principles applied to specific crops in 633–635

631 Farming

SUMMARY

631.2	Farm structures
.3	Farm tools, machinery, appliances
.4	Soil and soil conservation
.5	Crop production
.6	Reclamation and drainage
.7	Irrigation and water conservation
.8	Fertilizers and soil conditioners

.2 Farm structures

Description, maintenance, use and place in farming

.21 Farmhouses

.22 Barns and other general-purpose buildings

.23 Granaries, silos, elevators

.25 Machine and equipment sheds

.27 Fences, walls, hedges

.28 Roads and bridges

.3 Farm tools, machinery, appliances

Description, maintenance (farm mechanics), use and place in farming

Class uses in a specific operation with the operation

.304 Workshops (Machine-shop practice)

.31 Soil-working tools and machines

.312 Plows

.313 Harrows

.314 Rollers and crushers

.315 Hand-gardening tools

Hoes, scrapers, weeders, rakes

.316 Cultivators

631.33 Planting and sowing equipment

Seeders, planters, transplanters, fertilizer spreaders

.34 Equipment for care and shelter of plants

Grafting and pruning equipment, greenhouses, cold frames, hot beds, supports, receptacles

.35 Harvesting equipment

Mowers, reapers, combines, pickers, strippers, toppers

.36 Equipment used in preparing for storage and transport

Threshers, cleaning tools, silo machinery, balers, packers

.37 Power and power machinery

.371 Sources of power

Human, animal, mechanical, electric power

.372 Tractors

.373 Transport equipment

Wheelbarrows, wagons, trucks

.4 Soil and soil conservation

For soil improvement, see 631.6–631.8

.407 2 Research [*formerly* 631.42]

[.409] Historical and geographical treatment

Do not use; class in 631.49

► 631.41–631.42 Soil chemistry

.41 Chemical constituents

For testing for soil fertility, see 631.42

.416 Inorganic

.417 Organic

.42 Testing for soil fertility

Class research [*formerly* 631.42] in 631.407 2

631.43 Soil physics
.432 Moisture content
.433 Gas content
.436 Temperature
.44 Soil classification schemes
.45 Control of soil erosion
.451 Mulch tillage
.452 Crop rotation and cover crops
.455 Contouring and terracing
.456 Strip cropping
.459 Other measures
.46 Soil microbiology
.47 Soil surveys

Mapping and tabulating soil types and phases in a given area thru sampling soil horizons and profiles

Add area notations 3–9 to 631.47

.49 Historical and geographical treatment

Add area notations 1–9 to 631.49

.5 Crop production

SUMMARY

631.51	**Tillage (Soil preparation)**
.52	**Propagational crops**
.53	**Propagation methods**
.54	**Special cultivation techniques**
.55	**Harvesting**
.56	**Operations subsequent to harvesting**
.57	**Varieties**
.58	**Special cultivation methods**

.51 Tillage (Soil preparation)
.52 Propagational crops

Production and development

.521 Seeds
.523 Development of hybrids and new varieties
.526 Bulbs and tubers

631.53 Propagation methods
.531 With seeds
.532 With bulbs, tubers, plant divisions
.533 With suckers, runners, proliferous buds
.534 By layering
.535 With cuttings
.536 By transplanting
.537 With nursery stock
.54 Special cultivation techniques
.541 Grafting
.542 Pruning
.544 Forcing
.545 Retarding
.546 Training on poles, trellises, walls
.55 Harvesting

Mowing, reaping, stacking

.558 Yields
.56 Operations subsequent to harvesting

Threshing, husking, shelling, cleaning, winnowing, grading, storing, packing

.57 Varieties
.58 Special cultivation methods
.581 Fallowing
.582 Crop rotation
.585 Soilless culture (Hydroponics)
.586 Dry farming
.587 Irrigation farming
.587 2 By furrow system
.587 3 By border system
.587 4 By ridge system
.587 5 By contour flood system

► 631.6–631.8 Soil improvement

631.6 **Reclamation and drainage**

For irrigation and water conservation, see 631.7

.61 Clearing

Removal of natural cover to make land suitable for agricultural use

.62 Drainage and ditching

.7 **Irrigation and water conservation**

[.75] Cost of water

Class in 338.22–338.25

.8 **Fertilizers and soil conditioners**

.807 Study and teaching

Class research in 631.88

.81 General principles of fertilizers

Class general principles applied to specific kinds of fertilizers in 631.83–631.87

[.810 9] Historical and geographical treatment

Do not use; class in 631.819

.811 Nutritive principles

.813 Complete fertilizers

Composition, proportions of nutrient elements

.816 Methods of application

.819 Historical and geographical treatment

Add area notations 1–9 to 631.819

.82 Soil conditioners

.821 For control of acidity

Use of lime, dolomite, gypsum, plaster of Paris, marl

631.825 For control of alkalinity

Use of ferrous sulfate, sulfur, other alkali-combating materials

.826 For texture

Use of sphagnum, peat, polyelectrolytes and other synthetic soil conditioners

► 631.83–631.87 Specific kinds of fertilizers

.83 Potassium fertilizers

Potassium chloride and sulfate

.84 Nitrogen fertilizers

.841 Ammonium, urea, cyanamide fertilizers

Ammonium chloride and sulfate, urea, calurea, calcium cyanamide

For ammonium nitrate, see 631.842

.842 Nitrate fertilizers

Sodium, calcium, ammonium nitrates

.843 Abattoir residues

For bone meal, see 631.85

.847 Other methods of soil nitrification

Soil inoculation with nitrifying bacteria, use of nitrifying crops

.85 Phosphorus fertilizers

Superphosphates, metaphosphates, bone meal, basic slag

► 631.86–631.87 Organic fertilizers

For abattoir residues, see 631.843

.86 Animal manures

.861 Farmyard manures

.866 Guano

.869 Sewage sludge

631.87 Vegetable manures and other organic fertilizers
.874 Green manures
.875 Compost
.877 Converted household garbage
.88 Research and development
Class research and development of a specific kind of fertilizer or soil conditioner with the kind

632 Plant injuries, diseases, pests, and their control

► **632.1–632.2 Injuries**

.1 From the elements
.11 Low temperature
.12 High temperature and drought
.14 Hail
.15 Lightning
.16 Wind and rain
.17 Floods
.18 Fires
.2 From galls

► **632.3–632.4 Diseases**

For viral and rickettsial diseases, see **632.8**

.3 Bacterial diseases
.4 Fungus diseases
Rusts, smuts, bunts, mildews, molds, rots
Divide like **589.2**, e.g., smuts **632.427**

► **632.5–632.7 Pests**

For pest control, see **632.9**

.5 Plants
.52 Parasitic plants
.58 Weeds
Class botanical aspects of weeds [*formerly* **632.58**] in **581.65**

632.6 Animals
Divide like **592–599**, e.g., snails **632.643**
For insects, see **632.7**

.7 Insects
Divide like **595.7**, e.g., locusts **632.726**

.8 Viral and rickettsial diseases
.9 Pest control
Class control of a specific pest with the pest

.93 Plant quarantine
.94 Control methods and apparatus
Spraying, dusting, fumigating
For control materials, see **632.95**; *biological control,* **632.96**

.95 Control materials (Pesticides)
.951 Insecticides, rodenticides, vermicides
.952 Fungicides and algicides
.953 Bactericides
.954 Herbicides (Weed killers)
.96 Biological control
Introduction of natural enemies of pests, e.g., praying mantis

► **633–635 Production of specific crops**

Divide each subdivision identified by * like **631.5**, e.g., harvesting corn **633.155**; add **9** to each subdivision identified by * and divide like **632**, e.g., control of corn borers **633.159 78**

633 Field crops

Large-scale production of crops, other than fruit, intended for agricultural purposes and industrial processing
Use **633.001–633.009** for standard subdivisions

.08 *Production, injuries, diseases, pests, and their control

* Divide as instructed under **633–635**

SUMMARY

633.1	Cereal grains
.2	Forage crops
.3	Legumes and other forage crops
.4	Root and tuber crops
.5	Fiber crops
.6	Sugar and starch plants
.7	Alkaloidal crops
.8	Other plants grown for industrial processing

633.1 Cereal grains

.11 *Wheat (Triticum)

.12 *Buckwheat (Fagopyrum)

.13 *Oats (Avena)

.14 *Rye (Secale cereale)

.15 *Corn (Zea mays)

.16 *Barley (Hordeum)

.17 Millet and related crops

.171 *Millets (Panicum)

Panic grass, broomcorn millet, proso (Panicum miliaceum)

.174 *Grain sorghums (Andropogon)

Broomcorn, shallu, kafir corn, durra (Jerusalem corn)

.18 *Rice (Oryza sativa)

.2 Forage crops

Use **633.200 1 – 633.200 9** for standard subdivisions

For legumes and other forage crops, see **633.3**

.208 *Production, injuries, diseases, pests, and their control

► 633.21–633.25 Pasture grasses

.21 Bluegrasses (Poa)

.22 *Orchard grass (Dactylis glomerata)

.23 *Redtop and other bent grasses (Agrostis)

.24 *Timothy (Phleum)

* Divide as instructed under **633–635**

633.25 Cereal grasses

Divide like **633.1**, e.g., rye grasses **633.254**

.3 Legumes and other forage crops

► 633.31–633.37 Pasture legumes

.31 *Alfalfas (Medicago sativa)

.32 *True clovers (Trifolium)

Red, white, crimson, alsike clovers

.33 *Cowpeas (Vigna sinensis)

.34 *Soybeans (Soja max)

.35 *Vetches (Vicia sativa)

.36 Lespedeza and related legumes

.364 *Bush clovers (Lespedeza)

.366 *Sweet clovers (Melilotus)

.367 *Lupines (Lupinus)

.368 *Peanuts (Arachis hypogaea)

.369 *Field peas (Pisum arvense)

.37 Other legumes

.374 *Trefoils (Lotus)

.39 Other forage crops

.4 Root and tuber crops

.41 Beets (Beta vulgaris)

.42 Turnips (Brassica rapa)

.43 *Carrots (Daucus carota)

.44 *Parsnips (Pastinaca sativa)

.49 Tubers

.491 *Potatoes (Solanum tuberosum)

.492 *Sweet potatoes (Ipomoea batatas)

.494 *Jerusalem artichokes (Helianthus tuberosis)

* Divide as instructed under **633–635**

633.5 **Fiber crops**

► 633.51–633.56 Soft fibers

.51 *Cotton (Gossypium)

.52 *Flax (Linum)

.53 *Hemp (Cannabis sativa)

.54 *Jute (Corchorus)

.55 *Ramie (Boehmeria)

.56 Other soft fibers

China jute (Abutilon), Ambari hemp (Hibiscus canabinus), Indian hemp (Apocynum)

.57 Hard fibers

For basketwork and wickerwork plants, see 633.58

.571 *Manila hemp (Musa textiles)

.576 *Pineapple fibers (Ananas sativus)

.577 Agave fibers (Agave sisalina)

.58 Basketwork and wickerwork plants

Coconut (coir), raffia, esparto, rush, reed, bamboo, willow (osier) fibers

.59 Other fibers

.6 **Sugar and starch plants**

► 633.61–633.64 Sugar plants

.61 *Sugar cane (Saccharum officinarum)

.62 *Sweet sorghums (Andropogon sorghum)

.63 *Sugar beets (Beta vulgaris)

.64 *Sugar maples (Acer saccharum)

.68 Starch plants

Arrowroot, sago palm, cassava

* Divide as instructed under 633–635

633.7 **Alkaloidal crops**

.71 *Tobacco (Nicotiana tabacum)

.72 *Tea (Thea sinensis)

.73 *Coffee (Coffea)

.74 *Cacao, cocoa, chocolate (Theobroma cacao)

.75 *Poppies (Papaver somniferum)

.76 *Cola (Cola acuminata)

.77 *Maté (Ilex paraguayensis)

.78 *Chicory (Cichorium intybus)

.8 **Other plants grown for industrial processing**

.81 For perfumes

► 633.82–633.84 For flavorings

.82 Aromatic flavorings

Vanilla, mint, wintergreen, sassafras, hops

Class ginger [*formerly* 633.82] in 633.83

.83 Pungent flavorings (Sweet spices)

Ginger [*formerly* 633.82], allspice, clove, cinnamon, nutmeg

.84 Hot spices (Condiments)

Black pepper, paprika, chili, mustard, capers, horseradish

.85 For nonvolatile oils

.86 For dyes

.87 For tannin

.88 For medicinals

Divide like 583–589, e.g., digitalis 633.883 8

For poppies, see 633.75

.89 For other purposes

.895 For rubber and other resins

.895 2 *Rubber-tree plantations [*formerly* 634.986 5]

* Divide as instructed under 633–635

633.895 9 Other resin-producing plants

.898 For insecticides

634 Orchards, small fruit, forestry

SUMMARY

634.1 Pomaceous fruits
.2 Drupaceous fruits
.3 Citrus and moraceous fruits
.4 Minor fruits
.5 Nut fruits
.6 Tropical and subtropical tree fruits
.7 Berries and herbaceous fruits
.8 Grapes
.9 Forestry

► 634.1–634.6 Orchards

.1 Pomaceous fruits

.11 *Apples (Malus)

Including crab apples [*formerly* **634.12**]

[.12] Crab apples

Class in **634.11**

.13 *Pears (Pyrus)

.14 *Quince (Cydonia)

.15 *Medlar (Mespilus)

.16 *Loquats (Eriobotrya)

.2 Drupaceous fruits

.21 *Apricots (Prunus armeniaca)

.22 *Plums (Prunus domestica)

.23 *Cherries (Prunus cerasus)

Including varieties of cherries [*formerly* **634.24**]

[.24] Varieties of cherries

Class in **634.23**

.25 *Peaches (Amygdalus persica)

Including nectarines [*formerly* **634.26**]

* Divide as instructed under **633–635**

[634.26] Nectarines

Class in **634.25**

.3 Citrus and moraceous fruits

► 634.31–634.34 Citrus fruits

.31 *Oranges

Including varieties of oranges [*formerly* **634.32**]

.32 Grapefruit

Class varieties of oranges [*formerly* **634.32**] in **634.31**

[.324] Kumquats

Class in **634.34**

.33 Citron group

.331 *Citrons (Citrus medica)

.334 *Lemons (Citrus limonia)

.337 *Limes (Citrus aurantifolia)

.34 *Kumquats (Fortunella) [*formerly* 634.324]

► 634.37–634.39 Moraceous fruits

.37 *Figs (Ficus carica)

.38 *Mulberries (Morus)

.39 *Breadfruit (Artocarpus altilis)

.4 Minor fruits

.41 Anonaceous fruits

Cherimoya, northern papaws, custard apples

.42 Myrtaceous and passifloraceous fruits

.421 *Guavas (Psidium)

.425 *Passion fruit

.43 Sapotaceous fruits

Star apples, sapodilla plums

* Divide as instructed under **633–635**

634.44 Anacardiaceous fruits
Mangoes, Spanish plums
For cashew nuts, see 634.573

.45 Ebenaceous fruits (Persimmons)
.46 Leguminous fruits
Tamarinds, carob beans (Saint-John's-bread)
For peanuts, see 634.659 6

.5 Nut fruits
.51 Walnuts (Juglans)
.52 Hickory nuts (Hicoria)
Pecans and shagbarks

.53 Chestnuts (Castanea)
.54 *Filberts (Corylus)
.55 Almonds (Prunus amygdalus)
.57 Other nuts
.573 *Cashew nuts (Anacardium occidentale)
.574 *Pistachios (Pistacia vera)
.575 *Brazil nuts (Bertholletia excelsa)

.6 Tropical and subtropical tree fruits

► 634.61–634.62 Palmaceous fruits
.61 *Coconuts (Cocos nucifera)
.62 *Dates (Phoenix dactylifera)

.63 *Olives (Olea europaea)
.64 *Pomegranates (Punica granatum)
.65 Other fruits
.651 *Papayas (Carica papaya)
.653 *Avocados (Persea gratissima)

* Divide as instructed under 633–635

► **634.7–634.8 Small fruit**
634.7 Berries and herbaceous fruits
.71 Cane fruits (Rubus)
.711 Raspberries
.713 *Blackberries
.714 *Loganberries
.717 Dewberries
.718 *Boysenberries

.72 Ribes
.721 *Currants (Ribes rubrum)
Including varieties of currants [*formerly* 634.722–634.724]

[.722–.724] Varieties of currants
Class in 634.721

.725 *Gooseberries (Saxifragaceae)

.73 Huckleberries and blueberries
.732 *Huckleberries (Gaylussacia)
.737 *Blueberries (Vaccinium)

.74 Other bush fruits
Juneberries, buffalo berries, barberries, elderberries

.75 Strawberries (Fragaria)

.76 *Cranberries (Oxycoccus)

.77 Herbaceous fruits
.772 *Bananas (Musa sapientum)
.773 *Plantains (Musa paradisiaca)
.774 *Pineapples (Ananas sativus)
.775 Cactaceous fruits

* Divide as instructed under 633–635

634.8 **Grapes**

.81 Tillage (Soil preparation)

.82 Injuries, diseases, pests, and their control

.83 Varieties

.88 Crop production

Divide like **631.5**, e.g., harvesting grapes **634.885**

For tillage, see **634.81**; *varieties,* **634.83**

.9 Forestry

Formation, maintenance, cultivation, exploitation of forests

SUMMARY

634.92	**Forest economy**
.93	**Accessibility and safety features**
.95	**Silviculture**
.96	**Injuries, diseases, pests, and their control**
.97	**Specific kinds of trees**
.98	**Forest exploitation and utilization**
.99	**Other aspects**

► 634.92–634.96 General principles

Class general principles applied to specific kinds of trees in **634.97**

For exploitation and utilization, see **634.98**

.92 Forest economy

[.922] Forest ecology

Class in **581.5**

[.925] Forest policy

Class in **333.75**

[.927] Resources

Class in **333.75**

.928 Management

Class personnel management [*formerly* **634.928**] in **658.3**

.928 3 Regulation

Working plans for advance determination of cutting and planting cycles, yields per cycle, maximum increment

634.928 5 Mensuration

Determination of volume of timber stands, growth and yield

.93 Accessibility and safety features

Maintenance of roads, bridges, trails, lookout towers, power lines

[.94] Ecology

Class forest ecology in **581.5**, ecology of trees in **582.160 5**

.95 Silviculture

.952 Harvesting methods (Cutting methods)

.953 Maintenance cuttings

Improvement cuttings, thinnings, prunings

.954 Marking methods

.955 Brush disposal methods

.956 Forestation

Reforestation and afforestation

.956 2 Seeds, seed collecting, seeding

.956 4 Nursery practice

.956 5 Cultivation at permanent site

.96 Injuries, diseases, pests, and their control

Divide like **632**, e.g., forest fires **634.961 8**

.97 Specific kinds of trees

► 634.972–634.973 Dicotyledons

.972 Dicotyledons important as lumber

.972 1 Oak

Including cork [*formerly* **634.985**]

.972 2 Maple

.972 3 Poplar

.972 4 Chestnut

.972 5 Beech

634.972 6 Birch

.972 7 Linden and basswood

.972 8 Elm

.973 Other dicotyledons

Including tung oil nuts [*formerly also* 634.987], rubber trees [*formerly also* 634.986 5]

Divide like 583, e.g., locust trees 634.973 32

.974 Monocotyledons

Divide like 584, e.g., palm trees 634.974 5

.975 Gymnosperms

► 634.975 1 – 634.975 8 Coniferous trees

.975 1 Pine

.975 12–.975 16 General principles

Divide like 634.92–634.96, e.g., diseases of pine forests 634.975 16

.975 17 Varieties

.975 18 Exploitation and utilization

.975 182 Logging

.975 183 Logs and pulpwood

.975 185 Barks

.975 186 Saps (Naval stores [*formerly also* 634.986 2])

Tar, pitch, turpentine and their extracting operations

.975 187 Fruits, seeds, nuts

.975 189 Other products

.975 2 Spruce

.975 3 Hemlock

.975 4 Fir

.975 5 Cypress

.975 6 Cedar

.975 7 Larch

.975 8 Sequoia

634.975 9 Other gymnosperms

Divide like 585, e.g., ginkgo trees 634.975 97

.98 Forest exploitation and utilization

Class exploitation and utilization of specific kinds of trees in 634.97

.982 Logging

Felling, transporting, sorting, grading operations

► 634.983–634.987 Primary products

.983 Logs and pulpwood

For sawmill products, see 674.28

.985 Barks

Tannin, medicinal, lightweight, bast-fiber barks

Class cork [*formerly* 634.985] in 634.972 1

.986 Saps

[.986 2] Naval stores

Class in 634.975 186

[.986 5] Rubber latex

Class rubber-tree plantations in 633.895 2, forestry of rubber trees in 634.973

.987 Fruits, seeds, nuts

Class tung oil nuts [*formerly* 634.987] in 634.973

.989 Other products

.99 Other aspects

.999 Farm forestry

635 Garden crops (Horticulture)

Commercial and home gardening

SUMMARY

635.1	Edible roots
.2	Edible tubers and bulbs
.3	Asparagus, artichokes, cabbages
.4	Cooking greens and related vegetables
.5	Salad greens
.6	Edible fruits and seeds
.7	Aromatic and sweet herbs (Herb gardens)
.8	Mushrooms and truffles
.9	Flowers and ornamental plants (Floriculture)

► 635.1–635.8 Vegetables

Crops grown primarily for human consumption without intermediate processing other than preservation

For orchards and small fruits, see 634

.1 Edible roots
.11 *Beets (Beta vulgaris)
.12 Turnips and related crops
.125 *Turnips (Brassica rapa)
.126 *Rutabagas (Brassica napobrassica)
.128 *Celeriac (Apium graveolens rapaceum)
.13 Carrots (Daucus carota)
.14 *Parsnips (Pastinaca sativa)
.15 *Radishes (Raphanus sativus)
.16 Salsify (Tragopogon porrifolius)

.2 Edible tubers and bulbs
.21 *Potatoes (Solanum tuberosum)
.22 *Sweet potatoes (Ipomoea batatas)
.23 *Yams (Dioscorea)
.24 *Jerusalem artichokes (Helianthus tuberosis)

* Divide as instructed under 633–635

► 635.25–635.26 Alliaceous plants

635.25 *Onions (Allium cepa)
.26 Other alliaceous plants
Leeks, shallots, chives, garlic

► 635.3–635.5 Edible leaves, flowers, stems

.3 Asparagus, artichokes, cabbages
.31 *Asparagus (Asparagus officinales)
.32 Artichokes (Cynara scolymus)

► 635.34–635.36 Cabbage group

.34 Cabbages (Brassica oleracea)
Head cabbage, kale, collards, kohlrabi
.35 Cauliflower and broccoli (Brassica oleracea botrytis)
.36 *Brussels sprouts (Brassica oleracea gemmifera)
.4 Cooking greens and related vegetables
Class sorrel in 635.56, dandelions in 635.51 [*both formerly* 635.4]
For cabbages, see 635.34
.41 *Spinach (Spinacia oleracea)
.42 *Chard (Beta vulgaris cicla)
.48 *Rhubarb (Rheum rhaponticum)
.5 Salad greens
.51 *Dandelions (Taraxaceum officinale) [*formerly* 635.4]
.52 *Lettuce (Lactuca sativa)
.53 *Celery (Apium graveolens)
.54 *Chicory (Cichorium intybus)
.55 *Endive (Cichorium endiva)
.56 Sorrel [*formerly* 635.4] and cresses

.6 Edible fruits and seeds
.61 Melons
.611 *Muskmelons (Cucumis melo)
Honeydew and casaba melons, cantaloupes

* Divide as instructed under 633–635

635.615 *Watermelons (Citrullus vulgaris)

.62 Squashes and pumpkins (Cucurbita)

.63 *Cucumbers (Cucumis sativus)

.64 Other fruits

.642 *Tomatoes (Lycopersicon esculentum)

.643 *Green peppers (Capsicum grossum)

.646 *Eggplants (Solanum melongena)

.648 *Okra (Abelmoschus esculentus)

.65 Legumes

.651 *Broad beans (Vicia faba)

.652 *Garden beans (Phaseolus vulgaris)

Kidney, navy, pea, wax, snap, string, butter beans

.653 *Lima beans (Phaseolus limensis)

.655 *Soybeans (Soja max)

.656 *Garden peas (Pisum sativum)

.657 *Chick-peas (Cicer arietinum)

.658 *Lentils (Lens culinaris)

.659 Other legumes

.659.2 *Black-eyed peas (Vigna sinensis)

.659 6 *Peanuts (Arachis hypogaea)

.67 Corn

.672 *Sweet corn (Zea mays saccharata)

.677 *Popcorn (Zea mays everta)

.7 Aromatic and sweet herbs (Herb gardens)

.8 Mushrooms and truffles

* Divide as instructed under 633–635

635.9 Flowers and ornamental plants Floriculture)

SUMMARY

635.91 Production
.92 Injuries, diseases, pests, and their control
.93 General and taxonomic groupings
.94–.97 Special groupings
.94 By means of propagation
.95 By environmental factors
.96 By purpose
.97 Other groupings
.98 Specialized gardening

► 635.91–635.92 General principles

Class general principles applied to specific families, genera species in **635.933–635.939**

For special groupings, see **635.94–635.97**

.91 Production

Cultivation, processes, equipment

Divide like **631**, e.g., fertilizers **635.918**

.92 Injuries, diseases, pests, and their control

Divide like **632**, e.g., fungus diseases **635.924**

.93 General and taxonomic groupings

► 635.931–635.932 By life duration

Class specific families, genera, species in **635.933–635.939**

.931 Annuals and biennials

.932 Perennials

.933–.939 By families, genera, species

Divide like **583–589**, e.g., cactus **635.933 47**

For families, genera, species of trees, see **635.977 3 – 635.977 5**

► 635.94–635.97 Special groupings

Class specific families, genera, species, other than trees, in **635.933–635.939**

635.94 By means of propagation
.942 From seeds
.944 From bulbs and tubers
.946 From runners and by layering
.948 From cuttings and slips
.95 By environmental factors
.952 Climatic factors
Tropical, temperate-zone, arctic, alpine plants
.953 Seasonal and diurnal factors
Spring-, summer-, fall-, winter-flowering plants; morning- and night-blooming plants
.954 Light factors
Plants favoring sunshine, shade, artificial light
.955 Soil factors
Plants favoring moist, dry, rich, sandy soils
.96 By purpose
.962 For flower beds
.963 For borders and edgings
.964 For ground cover
.965 As houseplants
Including bonsai
.966 For cutting
[.966 3–.966 4] Flower arrangement
Class in **745.92**
.967 For special kinds of gardens
.967 2 Rock gardens

635.967 4 Water gardens
Aquatic plants in pools, aquariums, natural bodies of water
.967 6 Wild flower gardens
.969 For nurseries
.97 Other groupings
.973 Everlastings
.974 Vines
.975 Foliage plants
.976 Shrubs and hedges
.977 Trees
.977 3–.977 5 Families, genera, species
Divide like **583–585**, e.g., elm **635.977 396 2**
.98 Specialized gardening
.982 Greenhouse gardening
.985 Bell-jar gardening

► **636–638 Animal husbandry**

Class culture of cold-blooded animals other than insects in **639.3–639.7**

636 Livestock and domestic animals

Use **636.001–636.009** for standard subdivisions

.01 Stock ranches and farms [*formerly* 636.081 3]
.08 Stock production, maintenance, training

SUMMARY

636.081 Selection and acquisition
.082 Stockbreeding
.083 Care and maintenance
.084 Feeding methods
.085 Fodder and applied nutrition
.086 Field crops
.087 Other foods
.088 Production, maintenance, training for specific purposes
.089 Veterinary sciences

636.081 Selection and acquisition
.081 1 Judging livestock
.081 2 Ownership marks
[.081 3] Stock ranches and farms
Class in **636.01**

.082 Stockbreeding
.082 1 Genetic factors
Species, races, breeds, strains in terms of heredity and variation

.082 2 Breeding records
Herdbooks, studbooks, flock books, pedigrees

.082 4 Breeding and reproduction methods

► 636.082 41 – 636.082 43 Breeding methods
.082 41 Inbreeding and line breeding
.082 42 Outbreeding
.082 43 Crossbreeding

.082 45 Artificial insemination
.083 Care and maintenance
For veterinary sciences, see **636.089**

.083 1 Housing
.083 3 Individual tending
Grooming, washing, dipping, shearing

.083 7 Harnesses and accessories
.084 Feeding methods
General and special-purpose methods

.085 Fodder and applied nutrition
.085 2 Food value
.085 5 Fodder
For specific foods, see **636.086–636.087**

.085 51 Green fodder

636.085 52 Silage
.085 54 Dry fodder
.085 57 Formula feed

► 636.086–636.087 Specific foods
.086 Field crops
.087 Other foods
.087 4 Fruits
.087 5 Garden crops
.087 6 Meat, fish, eggs
.087 7 Mineral additives

.088 Production, maintenance, training for specific purposes
.088 1 For breeding
.088 2 For draft use (Beasts of burden)
Class development for guarding in **636.088 6**, for racing in **636.088 8** [*both formerly* **636.088 2**]

.088 3 For consumption (Food animals)
Class development for eggs [*formerly* **636.088 3**] in **636.088 4**

.088 4 For special products
Eggs [*formerly* **636.088 3**], milk, hide, wool, feathers
Including fur farming [*formerly* **636.92**]

.088 5 For experiment
.088 6 For work
Guarding [*formerly* **636.088 2**], herding, hunting
For draft animals, see **636.088 2**

.088 7 As pets
.088 8 For sports and stunts
Racing [*formerly* **636.088 2**], circus, stage, fighting

.088 9 For other purposes
.088 92 Multiple purposes
.088 99 Zoos

636.089 Veterinary sciences

Divide like 611–619, e.g., veterinary surgery 636.089 7

SUMMARY

636.1	Horses and other equines
.2	Cattle and other larger ruminants
.3	Sheep and goats (Smaller ruminants)
.4	Swine
.5	Poultry
.6	Birds other than poultry
.7	Dogs
.8	Cats
.9	Other warm-blooded animals

.1 Horses and other equines

Use 636.100 01 – 636.100 09 for standard subdivisions

.100 1–.100 9 Standard subdivisions of horses

.101 Horse ranches and farms [*formerly* 636.108 13]

.108 Production, maintenance, training of horses

Divide like 636.08, e.g., training horses for exhibition and sport riding [*formerly* 798.2] 636.108 88

Class horse ranches and farms [*formerly* 636.108 13] in 636.101

Class specific breeds of horses in 636.11–636.16

► 636.11–636.16 Specific breeds of horses

.11 Oriental horses

Arabian, Persian, Tartar, Turkish, Barb

.12 Race horses and trotters

.13 Saddle horses

.14 Carriage horses

.15 Draft horses

.16 Ponies

.18 Other equines

Asses, mules, zebras

636.2 Cattle and other larger ruminants

Use 636.200 01 – 636.200 09 for standard subdivisions

.200 1–.200 9 Standard subdivisions of cattle

.201 Cattle ranches and farms [*formerly* 636.208 13]

.208 Production, maintenance, training of cattle

Divide like 636.08, e.g., cattle breeding 636.208 2

Class cattle ranches and farms [*formerly* 636.208 13] in 636.201

Class production, maintenance, training of cattle for specific purposes in 636.21

.21 Production, maintenance, training of cattle for specific purposes

Divide like 636.088, e.g., beef cattle 636.213

For specific breeds of cattle, see 636.22–636.28

► 636.22–636.28 Specific breeds of cattle

Beef, dairy, dual-purpose breeds by geographical origin

.22 British

.222 English beef breeds

Shorthorn, Hereford, Sussex

.223 Scottish, Welsh, Irish beef breeds

Aberdeen Angus, Galloway, Kyloe, Black Welsh

.224 Channel Island dairy breeds

Alderney, Jersey, Guernsey

.225 Scottish and Irish dairy breeds

Ayrshire, Kerry, Dexter Shorthorn

.226 Dual-purpose breeds

Devon, Polled Durham, English Longhorn

.23 German, Dutch, Danish, Swiss

.232 Beef breeds

636.234 Dairy breeds

Holstein-Friesian, East Friesian, Oldenburg

Including Dutch and Danish dairy breeds [*formerly* **636.235**]

[.235] Dutch and Danish dairy breeds

Class in **636.234**

.236 Dual-purpose breeds

Including Swiss dual-purpose breeds [*formerly* **636.237**]

[.237] Swiss dual-purpose breeds

Class in **636.236**

.24 French and Belgian

Divide like **636.23**, e.g., beef cattle **636.242**

.27 Other European breeds

.28 Non-European breeds

.29 Other larger ruminants

.291 Zebus

.292 Bison

.293 Other Bovoidea

Antelopes, water buffaloes, eland, bongos, kudus, gazelles, musk-oxen

.294 Cervoidea

Deer, elk, moose, reindeer, caribous, giraffes, okapis

.295 Camels

.296 Llamas, alpacas, vicuñas

.3 Sheep and goats (Smaller ruminants)

Use **636.300 01 – 636.300 09** for standard subdivisions

.300 1–.300 9 Standard subdivisions of sheep

.301 Sheep ranches and farms [*formerly* 636.308 13]

636.308 Production, maintenance, training of sheep

Divide like **636.08**, e.g., sheep breeding **636.308 2**

Class sheep ranches and farms [*formerly* **636.308 13**] in **636.301**

Class production, maintenance, training of sheep for specific purposes in **636.31**

.31 Production, maintenance, training of sheep for specific purposes

Divide like **636.088**, e.g., sheep for wool **636.314**

For specific breeds of sheep, see **636.32–636.38**

► 636.32–636.38 Specific breeds of sheep

.32 British

.33 German, Dutch, Swiss

.34 French and Belgian

.35 Italian

.36 Spanish sheep (Merino breeds)

.366 Spanish Merino breeds

.367 Other European Merino breeds

.368 Non-European Merino breeds

American and Australian Merino breeds

.37 Other European

.38 Non-European

.381 American

.385 Asian

.386 African

.39 Goats

Use **636.390 01 – 636.390 09** for standard subdivisions

.390 1 Ranches and farms [*formerly* 636.390 813]

.390 8 Production, maintenance, training

Divide like **636.08**, e.g., goat breeding **636.390 82**

Class ranches and farms [*formerly* **636.390 813**] in **636.390 1**

Class production, maintenance, training for specific purposes in **636.391**

636.391 Production, maintenance, training for specific purposes

Divide like **636.088**, e.g., raising goats for hair **636.391 4**

For specific breeds of goats, see **636.392–636.398**

.392–.398 Specific breeds of goats

Divide like **636.31–636.38**, e.g., Italian breeds **636.395**

.4 Swine

Use **636.400 1 – 636.400 9** for standard subdivisions

.401 Ranches and farms [*formerly* 636.408 13]

.408 Production and maintenance

Divide like **636.08**, e.g., diseases of swine **636.408 96**

Class ranches and farms [*formerly* **636.408 13**] in **636.401**

Class production, maintenance, training for specific purposes in **636.41**

.41 Production, maintenance, training for specific purposes

Divide like **636.088**, e.g., swine production for bristles **636.414**

For specific breeds of swine, see **636.42–636.48**

► 636.42–636.48 Specific breeds of swine

.42–.47 European

Divide like **636.32–636.37**, e.g., British breeds **636.42**

.48 Non-European

► 636.482–636.484 American

.482 Poland-China

.483 Duroc-Jersey

.484 Other

Chester White, Hampshire, Cheshire, Victoria, mulefoot, razorback

.485 Asian

.486 African

.489 Oceanic

636.5 Poultry

Use **636.500 01 – 636.500 09** for standard subdivisions

.500 1–.500 9 Standard subdivisions of chickens

.501 Chicken ranches and farms [*formerly* 636.508 13]

.508 Production, maintenance, training of chickens

Divide like **636.08**, e.g., chicken breeding **636.508 24**

Class chicken ranches and farms [*formerly* **636.508 13**] in **636.501**

Class production, maintenance, training of chickens for specific purposes in **636.51**

.51 Production, maintenance, training of chickens for specific purposes

Divide like **636.088**, e.g., raising chickens for meat **636.513**

For specific breeds of chickens, see **636.52–636.58**

► 636.52–636.58 Specific breeds of chickens

.52–.57 European

Divide like **636.32–636.37**, e.g., British breeds **636.52**

Class special varieties of chickens in **636.587**

.58 Non-European breeds and special varieties

► 636.581–636.584 American

.581 Dominique, Jersey Blue, Bucks County, Java, Winnebago

.582 Plymouth Rock

.583 Wyandotte

.584 Rhode Island Red

.585 Asian breeds

Class special varieties of chickens in **636.587**

.587 Special varieties

.587 1 Bantams

.587 2 Cornish

636.59 Other domestic birds

.592 Turkeys

Use **636.592 001 – 636.592 009** for standard subdivisions

.592 01 Ranches and farms

.592 08 Production, maintenance, training

Divide like **636.08**, e.g., raising turkeys for meat **636.592 088 3**

.593 Guinea fowl

.594 Pheasants

.595 Peafowl

.596 Pigeons

.597 Ducks

.598 Geese

.6 Birds other than poultry

.61 Birds raised for feathers

.68 Song and ornamental birds

For peafowl, see **636.595**

.681 Swans

.686 Cage and aviary birds

.686 2 Finches

Canaries and painted finches

.686 4 Budgerigars (Shell parakeets)

.686 5 Other parrots

Macaws, cockatoos, lories, cockateels

.686 9 Other cage and aviary birds

Mynahs, toucans, hawks

636.7 **Dogs**

Use **636.700 1 – 636.700 9** for standard subdivisions

[.700 222] Illustrations

Do not use; class in **636.77**

.701 Kennels [*formerly* 636.708 13]

.708 Production, maintenance, training

Divide like **636.08**, e.g., training dogs as pets **636.708 87**

Class kennels [*formerly* **636.708 13**] in **636.701**

.71 Breeds

For specific breeds, see **636.72–636.76**

► 636.72–636.76 Specific breeds

Class the miniature of any breed in **636.76**

.72 Nonsporting dogs

Boston terriers, English and French bulldogs, chow chows, Dalmatians, Keeshonden, poodles, schipperkes

For working dogs, see **636.73**

.73 Working dogs

Alaskan malamutes, boxers, collies, Doberman pinschers, Eskimo dogs, German shepherds, Great Danes, Great Pyrenees, mastiffs, Newfoundlands, Samoyeds, schnauzers, sheepdogs, Siberian huskies, Saint Bernards, Welsh corgis

Including watch and herd dogs [*formerly* **636.74**]

[.74] Watch and herd dogs

Class in **636.73**

.75 Sporting dogs

.752 Gun dogs

Pointers, retrievers, setters, spaniels, Weimaraners

.753 Hounds

Basenjis, beagles, borzois, dachshunds, harriers, salukis, whippets, named hounds

636.755 Terriers

For Boston terriers, see **636.72**

.76 Toy and miniature dogs

Affenpinschers, Chihuahuas, English toy spaniels, Italian greyhounds, Maltese, Mexican hairless, papillons, Pekingese, Pomeranians, toy poodles, pugs, toy Manchester and Yorkshire terriers

.77 Illustrations

.8 Cats

Use **636.800 1 – 636.800 9** for standard subdivisions

[.800 222] Illustrations

Do not use; class in **636.87**

.801 Kennels [*formerly* 636.808 13]

.808 Production, maintenance, training

Divide like **636.08**, e.g., breeding cats **636.808 2**

Class kennels [*formerly* **636.808 13**] in **636.801**

► 636.82–636.83 Domestic cats

.82 Short-haired cats

.822 Common short-haired cats

.823 Manx cats

.825 Asian short-haired cats

Siamese, Burmese, related breeds

.826 Other short-haired cats

Abyssinian, Russian blue cats

.83 Long-haired cats

Angora, coon, chinchilla, Persian cats

.87 Illustrations

.89 Other cats

Ocelots, margays, cheetahs

636.9 **Other warm-blooded animals**

.91 Monotremes and marsupials

Platypuses, opossums, kangaroos, wallabies, koalas, wombats

[.92] Fur farming

Class in **636.088 4**

.93–.98 Other mammals

Divide like **599.3–599.8**, e.g., elephants **636.961**

637 Dairy and related industries

.1 Milk

► 637.12–637.14 Cow's milk

.12 Production and inspection

.124 Milking methods

.125 Milking machinery and equipment

.127 Quality determinations

.127 6 Butterfat tests

.127 7 Bacteriological counts

.13 Processing

Class processing specific varieties of milk in **637.14**

.131 Processing plants

.132 Processing machinery and equipment

.133 Specific processes

Including cooling, filtration, vitamin-D treatment

.133 3 Pasteurization

.133 4 Homogenization

.133 5 Evaporation and sterilization

.133 6 Spray and vacuum drum processes

.135 Packaging, storage, transport

637.14 Varieties

► 637.141–637.146 Whole milk

.141 Fresh milk (Market milk)

Raw, certified, pasteurized, homogenized, vitamin-D treated

Class evaporated milk [*formerly* 637.141] in 637.142 2

.142 Concentrated liquid forms

.142 2 Evaporated milk [*formerly* 637.141]

.142 3 Plain condenst milk

.142 4 Sweetened condenst milk

.143 Dried milk

.146 Cultured milk

.147 Skim milk

Divide like 637.141–637.146, e.g., dried skim milk 637.147 3

.148 Cream

.17 Milk other than cow's milk

.2 Butter

.22 Quality determinations

.23 Processing

.24 By-products

.3 Cheese

.32 Quality determinations

.33 Processing

Class processing specific varieties of cheese in 637.35

.34 By-products

.35 Varieties

► 637.352–637.354 Rennet cheeses

.352 Unripened soft cheese (Cream cheese)

.353 Ripened soft cheeses

Limburger, Brie, Camembert, Neufchâtel, Gorgonzola

.354 Hard cheese

Cheddar, Stilton, Swiss, Edam, Gruyère, Parmesan

637.356 Sour-milk cheeses

Cottage, Dutch, pot cheeses

.358 Cheese foods

.4 Frozen desserts

Ice cream, ice milk, frozen custards, sherbets, ices

.5 Eggs

.54 Chicken eggs

.541 Fresh eggs

.543 Dried whole eggs

.547 Dried egg whites

.548 Dried egg yolks

.59 Other kinds of eggs

Divide like 636.59, e.g., duck eggs 637.597

638 Insect culture

.1 Honeybees (Apiculture)

.11 Apiary establishment

.12 Races and varieties of bees

.13 Pasturage for bees

Nectar and pollen plants

.14 Hive management

.142 Equipment and supplies

Hives, hive sections, smokers, protective equipment

.144 Supplementary feeding of bees

.145 Queen rearing

.146 Swarming control

.15 Injuries, diseases, pests, and their control

► 638.16–638.17 Hive products

Quality determination, processing, varieties

.16 Honey

.17 Wax

638.2 Silkworms

.3 **Resin- and dye-producing insects**

.5 **Other insects**

[.51] Worms

Class in 639.75

.57 Specific insects

Divide like 595.7, e.g., praying mantises 638.572 5

639 Nondomesticated animals

Hunting, fishing, culture, conservation practices

Class hunting and fishing as sport in 799, fur farming in 636.088 4, insect culture in 638

.1 **Hunting and trapping**

.11 Fur-bearing and other mammals

Divide like 599.1–599.8, e.g., deer hunting and trapping 639.117 357

For whaling, see 639.28; *sealing,* 639.29

.12 Birds

Divide like 799.24, e.g., hunting waterfowl 639.124

.13 Amphibians [*formerly* 639.27]

.14 Reptiles [*formerly also* 639.279 9]

Divide like 598.1, e.g., hunting alligators 639.144

.2 **Commercial fishing, whaling, sealing**

Use 639.200 1 – 639.200 9 for standard subdivisions

.201–.209 Standard subdivisions of commercial fishing

► 639.21–639.22 Fishing in specific types of water

Class fishing specific kinds of fish in 639.27

.21 In fresh water

.22 In salt and brackish waters

639.27 Specific kinds of fish

Divide like 597.2–597.5, e.g., salmon fishing 639.275 5

Class hunting and trapping amphibians [*formerly* 639.27] in 639.13

[.279 9] Hunting and trapping reptiles

Class in 639.14

.28 Whaling

.29 Sealing

.3 **Culture of cold-blooded vertebrates**

Use 639.300 1 – 639.300 9 for standard subdivisions

.301–.309 Standard subdivisions of fish culture

► 639.31–639.34 Fish culture in specific environments

Class culture of specific kinds of fish in 639.372–639.375

.31 In fresh water

Class indoor culture of ornamental fish in 639.34

.311 Natural and artificial ponds

.312 Lakes

.313 Rivers and streams

.32 In salt and brackish waters

Class indoor culture of ornamental fish in 639.34

.34 In aquariums

Indoor culture of ornamental cold-water and tropical fish

.37 Specific kinds of fish and amphibians

.372–.375 Fish

Divide like 597.2–597.5, e.g., culture of sea horses 639.375 3

.376–.379 Amphibians

Divide like 597.6–597.9, e.g., culture of frogs 639.378

[.379 9] Reptiles

Class in 639.39

639.39 Reptiles [*formerly* 639.379 9]

Divide like **598.1**, e.g., culture of snakes **639.392**

► **639.4–639.7 Fisheries and culture of invertebrates**

.4 Mollusks

.41 Oysters

.411 Edible oysters

.412 Pearl oysters

.42 Mussels

.44 Clams

.48 Other mollusks

Divide like **594.2–594.5**, e.g., catching squid **631.485 6**

.5 Crustaceans

.54 Edible crustaceans

Divide like **595.384**, e.g., catching lobsters **639.541**

[.6] Sea urchins

Class in **639.73**

.7 Other invertebrates

.73 Protozoa, Parazoa, Metazoa

Including sea urchins [*formerly* **639.6**]

Divide like **593**, e.g., sponge fishing **639.734**

.75 Worms [*formerly* 638.51]

Divide like **595.1**, e.g., earthworm culture **539.756**

639.9 **Wildlife conservation practices [*formerly* 799]**

Programs aimed to maintain, increase, reduce populations of fish, birds, mammals in their natural habitat

► 639.92–639.96 General principles

Class general principles applied to specific kinds of animals in **639.97**

.92 Habitat improvement

.93 Species population controls

.95 Refuge programs

.96 Injuries, diseases, predators, and their control

.97 Specific kinds of animals

Divide like **597–599**, e.g., programs for deer conservation **639.979 735 7**

640 Domestic arts and sciences (Home economics)

Care of household, family, person

Class personal hygiene in **613**

.714 Extension

Divide like standard subdivision **071 5**, e.g., institutes and workshops **640.714 2**

[.715] Extension work

Do not use; class in **640.714**

.73 Consumer education [*formerly* 339.420 7]

Selection of consumer goods, guides to quality

Including reports on named products

641 Food and drink

For food service, see **642**

.013 Pleasures of eating

SUMMARY

641.1	**Applied nutrition**
.3	**Foods and foodstuffs**
.4	**Preservation for later use**
.5	**General cookery**
.6	**Specific materials**
.7	**Specific processes and techniques**
.8	**Composite dishes**

.1 Applied nutrition

Occurrence in food of nutrients required to meet needs of human body

Class nutritive values of specific foods and foodstuffs [*formerly* **641.1**] in **641.33–641.39**

.11 Organic constituents

For specific organic constituents, see **641.12–641.14**

► 641.12–641.14 Specific organic constituents

.12 Proteins

.13 Carbohydrates

.14 Fats and oils

641.15 Inorganic constituents

For specific inorganic constituents, see **641.16–641.17**

► 641.16–641.17 Specific inorganic constituents

.16 Water

.17 Salts, trace elements, residues

.18 Vitamins

.3 Foods and foodstuffs

Scope: comprehensive works on production, manufacture, preservation, preparation, use

Use **641.300 1 – 641.300 9** for standard subdivisions

Class food customs in **390**, food supply in **338.19** [*both formerly* **641.3**]

Class production in **630**, manufacture (commercial preparation and preservation) in **663–664**, home preservation and preparation in **641.4–641.8**

► 641.303–641.309 Classes of foodstuffs by origin

.303 Vegetable

.306 Animal

.309 Mineral

.31 Selection

Guides to quality

Class selection of specific foods and foodstuffs in **641.33–641.39**

► 641.33–641.39 Specific foods and foodstuffs

Scope: nutritive values [*formerly also* **641.1**]

.33 Derived from field crops

.331 Cereals

Divide like **633.1**, e.g., rice **641.331 8**

.336 Sugars and sirups

.337 Alkaloidal plants

Divide like **633.7**, e.g., coffee **641.337 3**

.338 Seasonings and flavorings

Divide like **633.8**, e.g., sweet spices **641.338 3**

641.34 Fruits and nuts

Divide like **634.1–634.8**, e.g., apples **641.341 1**

.35 Garden vegetables

Divide like **635.1–635.8**, e.g., potatoes **641.352 1**

.36 Meats from domestic animals

Divide like **636**, e.g., turkey **641.365 92**

.37 Dairy and related products

Divide like **637**, e.g., eggs **641.375**

.38 Honey

.39 Meats from wild animals

Divide like **639.1–639.2, 639.4–639.7**, e.g., oysters **641.394 1**

► **641.4–641.8 Preservation and preparation**

.4 Preservation for later use

► 641.41–641.47 Fruits and vegetables

For jams, jellies, marmalades, see **641.852**

.41 Preliminary treatment

.42 Canning

.44 Drying and dehydrating

.45 Cryogenic techniques

Application and maintenance of constant range of lowered temperature

.452 Cold storage

.453 Deep freezing

► 641.46–641.47 Chemical preservation

.46 Brining, pickling, smoking

.47 Use of additives

641.49 Meats and allied foods

.492 Red meats

Divide like **641.41–641.47**, e.g., canning red meat **641.492 2**

.493 Poultry

Divide like **641.41–641.47**, e.g., freezing poultry **641.493 53**

.494 Seafood

Divide like **641.41–641.47**, e.g., brining seafood **641.494 6**

.495 Other

Frogs, turtles, snails, insects

► **641.5–641.8 Preparation for proximate use (Cookery)**

With and without use of heat

Scope: cookbooks, recipes

.5 General cookery

Observe the following table of precedence, e.g., outdoor cookery for children **641.562**

For special situations
Quantity, institutional, outdoor cookery
For economy
With specific appliances, utensils, fuels
For specific meals
Characteristic of specific geographic environments

SUMMARY

641.52 Breakfast
.53 Luncheon, brunch, elevenses, tea, supper, snacks
.54 Dinner
.55 For economy
.56 For special situations
.57 Quantity, institutional, outdoor cookery
.58 With specific appliances, utensils, fuels
.59 Characteristic of specific geographic environments

► 641.52–641.54 For specific meals

.52 Breakfast

.53 Luncheon, brunch, elevenses, tea, supper, snacks

.54 Dinner

641.55 For economy

Inexpensive cookery, speedy cookery

.56 For special situations

.561 For one or two persons

► 641.562–641.567 Under limitations of age, health, religion

.562 Under limitations of age

For cookery under limitations of health, see **641.563**

.562 2 For infants and children

.562 7 For aged [*formerly* 641.563]

.563 Under limitations of health

Cookery to prevent, tolerate, correct specific bodily disorders

Class cookery for aged in **641.562 7**, hospital cookery in **641.579** [*both formerly* **641.563**]

► 641.566–641.567 Under limitations of specific religions

.566 Christianity

Cookery for Lent, other days of fast and abstinence

.567 Other religions

Divide like **292–299**, e.g., cookery under Hindu limitations **641.567 45**

.568 For special occasions

Holidays, birthdays, parties, celebrations

For cookery under limitations of age, health, religion, see **641.562–641.567**

.57 Quantity, institutional, outdoor cookery

Scope: short-order cookery

Use **641.570 01 – 641.570 09** for standard subdivisions

.570 1–.570 9 Standard subdivisions of quantity cookery

.571 School

.572 Hotel and restaurant

.573 Armed services

641.575 Travel

For railroad dining and buffet car cookery, see **641.576**

.575 2 Motor bus

.575 3 Shipboard

.575 4 Airline

.576 Railroad dining and buffet car

.577 Canteen

Including emergency cooking for mass feeding

.578 Outdoor

Including camp, barbecue, cookout cookery

For armed services cookery, see **641.573**

.579 Hospital [*formerly* 641.563]

.58 With specific appliances, utensils, fuels

Including chafing dish cookery

For casserole dishes, see **641.821**

.583 By oil

.584 By gas

.585 By alcohol

.586 By electricity

Including cooking with electric skillet, frying pan, roaster, grill, waffle iron

.587 By steam and pressure

.588 Slow and fireless cookery

Including cooking with Aladdin ovens

.59 Characteristic of specific geographic environments

► 641.591–641.592 Specific zones

For cookery characteristic of specific continents, countries, localities, see **641.593–641.599**

.591 Arctic and cold-weather

.592 Tropical and hot-weather

641.593–.599 Specific continents, countries, localities

Add area notations **3–9** to **641.59**

Class general cookery, noncharacteristic recipes from specific places in **641.5** without subdivision

---

► **641.6–641.8 Special cookery**

Limited by dish, material, process

Observe the following table of precedence, e.g., **roasting** meats **641.66**

Composite dishes
Specific materials
Specific processes and techniques

.6 Specific materials

Class dessert pies [*formerly* **641.6**] in **641.865 2**

.61 Preserved foods

Divide like **641.42–641.46**, e.g., cookery using frozen foods **641.615 3**

For cookery using specific foods and foodstuffs, see **641.62–641.69**

► 641.62–641.69 Specific foods and foodstuffs

.62 Wines, beers, spirits

.63–.69 Other specific foods and foodstuffs

Divide like **641.33–641.39**, e.g., cookery of meats from domestic animals **641.66**

.7 Specific processes and techniques

.71 Baking and roasting

.73 Boiling, simmering, stewing

.76 Broiling, grilling, barbecuing

.77 Frying, sautéing, braising

.8 Composite dishes

.81 Sauces, relishes, appetizers, savories

.82 Main dishes (Entrées)

Including stews, meat pies

.821 Casserole dishes

641.83 Salads

.84 Sandwiches

► 641.85–641.86 Desserts and sweets

.85 Sugar products

.852 Jams, jellies, marmalades

.853 Candies

.86 Desserts

For sugar products, see **641.85**

.862 Ice creams and ice milks

.863 Ices and sherbets

.864 Puddings and gelatins

.865 Pastries

.865 2 Pies [*formerly* 641.6]

.865 3 Cakes

.865 4 Cookies

.87 Beverages

► 641.872–641.874 Alcoholic

.872 Wines

.873 Beers

.874 Spirits

Including bartenders' manuals and recipes [*formerly* **663.8**]

► 641.875–641.877 Nonalcoholic

.875 Soft drinks

Juices, carbonated drinks, malted drinks

.877 Brewed drinks

Cocoa, coffee, teas and their concentrates

642 Food and meal service

► 642.1–642.5 For specific situations

Scope: menus

For table service, see 642.6; *table decor,* 652.7–642.8

.1 **For home and family**

.3 **For camp, picnic, travel**

Including packaged meals

.4 **In entertaining**

.41 Private

For catering, see 642.47

.45 Public

Banquets, receptions, church and community suppers

For catering, see 642.47

.47 Catering

.5 **In commercial eating places**

For food and meal service in entertaining, see 642.4

.56 Restaurants, cafés, dining rooms

Including table d'hôte, a la carte

.57 Lunch counters, cafeterias, snack bars, canteens

For school lunchrooms and cafeterias, see 642.58

.58 School lunchrooms and cafeterias

.6 **Table service**

Setting places, carving, serving

► 642.7–642.8 Table decor

.7 **Furnishings**

Linen, china, crystal, silver, cutlery

.8 **Decorations**

Flowers, colors, lights

643 The home and its equipment

Selection, purchase, rental, location, orientation, arrangement

► 643.3–643.5 Specific rooms

Scope: equipment, improvement, remodeling

.3 **Kitchens**

.4 **Eating areas**

Dining rooms, breakfast rooms, bars

.5 **Other**

.6 **Appliances and laborsaving installations**

Description, selection, use, care, repair

Class appliances and installations for specific rooms in 643.3–643.5, for a specific purpose with the purpose

.7 **Improvement and remodeling**

Class improvement and remodeling of specific rooms in 643.3–643.5

644 Household utilities

Description, selection, operation, care of systems, appliances, fittings, fixtures, accessories

.1 **Heating**

.3 **Lighting**

.5 **Ventilation and air conditioning**

.6 **Water supply**

Including hot-water supply

645 Household furnishings

Description, selection, installation, use, care, repair

Class design and decorative treatment of interior furnishings in 747

► 645.1–645.4 Interior furnishings of specific kinds

.1 **Floor coverings**

Carpets, rugs, linoleums

645.2 **Wall and ceiling coverings**

Wallpaper, paint

.3 **Window and door furnishings**

Curtains, draperies, shades, blinds, accessories

.4 **Furniture and accessories**

Including upholstery, slip covers

.6 **Furnishings for specific rooms**

For interior furnishings of specific kinds, see **645.1–645.4**

.8 **Outdoor furnishings**

For gardens, patios, courts, balconies, roofs

646 Clothing and care of body

Use **646.001–646.009** for standard subdivisions

► 646.01–646.09 Standard subdivisions of clothing

.01 Philosophy and theory

Class fashion [*formerly* **641.01**] in **391**

.02–.08 Miscellany, dictionaries, serial publications, organizations, study and teaching, collections

.09 Historical and geographical treatment

.091 Regional and environmental treatment

.091 1 Clothing for Frigid Zones and cold weather

.091 3 Clothing for Tropics and hot weather

► 646.1–646.6 Clothing

.1 **Textiles, fibers, other materials used**

.2 **Plain sewing**

Including mending, darning, reweaving, machine sewing

For clothing construction, see **646.4**

646.3 **Selection**

Guides to quality

.32 Men's clothing

.34 Women's clothing

.36 Children's clothing

.4 **Construction**

Patternmaking, cutting, fitting, remodeling

Use **646.400 1 – 646.400 9** for standard subdivisions

For construction of headgear, see **646.5**

.402–.406 For specific kinds of persons

Divide like **646.32–646.36**, e.g., construction of children's clothing **646.406**

► 646.42–646.48 Specific kinds of clothing

Divide each subdivision identified by * as follows:

001–009 Standard subdivisions

02–06 For specific kinds of persons
Divide like **646.32–646.36**, e.g., for men **02**

.42 *Underwear and hose

► 646.43–646.45 Outer garments

For garments for special purposes, see **646.47**; *accessories,* **646.48**

.43 *Outer house garments

Dresses, suits, coats, trousers, shirts, blouses, skirts

.45 *Outdoor garments

Overcoats, topcoats, raincoats, sweaters, stoles, cloaks

.47 *Garments for special purposes

Lounging garments, sleeping wear, sportswear

For accessories, see **646.48**

.48 *Accessories

Neckties, collars, cuffs, belts, aprons, handkerchiefs

* Divide as instructed under **646.42–646.48**

646.5 **Construction of headgear**

Use 646.500 1 – 646.500 9 for standard subdivisions

.502–.506 For specific kinds of persons

Divide like 646.32–646.36, e.g., millinery 646.504

.6 **Care of clothing**

For mending, see 646.2

.62 Cleaning

For laundering, see 648.1

.63 Dyeing

.7 **Care of body (Toilet)**

Scope: description, use, care of equipment

.72 Personal appearance [*formerly also* 646.73]

Promotion of attractiveness and charm thru good grooming

For reducing and slenderizing, see 646.75

.724 Hairdressing

For men's hairdressing, see 646.74

.724 2 Professional

.724 3 Home

.724 8 Wigs

Selection, styling, cleaning, dyeing

.726 Care of skin, lips, eyes

.727 Manicuring and pedicuring

[.73] Personal appearance

Class in 646.72

.74 Men's hairdressing (Barbering)

.75 Reducing and slenderizing

Massage, steam baths

647 **Housekeeping**

Class a specific operation with the subject

.1 **Finances**

Budgets, expenses

► **647.2–647.6 Employees**

Class personnel management in 658.3

► **647.2–647.3 Selection and training**

.2 **Indoor**

Housekeepers, hostesses, cooks, butlers, maids, waiters and waitresses, laundresses, janitors, porters

.3 **Outdoor**

Gardeners, chauffeurs, laborers

.6 **Hours and duties**

.9 **Public (Institutional) housekeeping**

Domestic arts and sciences in public households

.92 Multiple dwellings for long-term residents

Tenements, flats, apartments, apartment hotels

.94 Dwellings for transients [*formerly also* 647.97]

Hotels, inns, hostels, clubs, motels, trailer camps

.940 9 Historical and geographical treatment

Class treatment by continent, country, locality in 647.943–647.949

.943–.949 Treatment by continent, country, locality

Add area notations 3–9 to 647.94

.95 Eating and drinking places

950 9 Historical and geographical treatment

Class treatment by continent, country, locality in 647.953–647.959

647.953–.959 Treatment by continent, country, locality

Add area notations 3–9 to 647.95

.96 Other public households

Not used primarily for religious, educational, research purposes

Divide like 725, e.g., office buildings 647.962 3

[.969 8] Households having religious purposes

Class in 647.98

[.969 9] Households having educational and research purposes

Class in 647.99

[.97] Dwellings for transients

Class in 647.94

.98 Households having religious purposes [*formerly* 647.969 8]

Divide like 726, e.g., Franciscan monasteries 647.987 73

.99 Households having educational and research purposes [*formerly* 647.969 9]

Divide like 727, e.g., public libraries 647.998 24

648 Household sanitation

Processes, equipment, supplies

.1 Laundering

Washing, starching, drying, ironing

.5 Housecleaning

Sweeping, dusting, washing, polishing

.52 Floors and walls

.53 Furnishings

.56 Dishes, cutlery, utensils

.7 Control and eradication of pests

.8 Storage and preparation for storage

649 Child rearing and home nursing

Use 649.001–649.009 for standard subdivisions

.01–.09 Standard subdivisions of child rearing

► **649.1–649.7 Child rearing**

.1 Care, training, supervision

For specific elements of care, training, supervision, see 649.3–649.7

.102 4 Works for specific types of users

.102 42 Expectant parents

.102 48 Baby-sitters

► 649.12–649.15 Specific groupings of children

Observe the following table of precedence, e.g., preschool boys 649.123

Exceptional characteristics
By class, type, relationships
By age groups
By sex

.12 By age groups

.122–.124 To age eleven

Divide like 155.422–155.424, e.g., infants 649.122

.125 Adolescents

Ages twelve to twenty

.13–.15 By sex, class, type, relationships, exceptional characteristics

Divide like 155.43–155.45, e.g., the only child 649.142

► 649.3–649.7 Specific elements of care, training, supervision

649.3 Feeding

.4 Clothing and care of body

.5 Supervised activities

.51 Creative activities

Paper work, painting, modeling, music

.55 Play with toys

Including play with games, mechanical devices

.552 With dolls

.57 Activities requiring equipment

On swings, slides, structures for climbing and crawling

.6 Manners and habits

Training in toilet, cleanliness, dressing and feeding self, good behavior

.7 Moral, religious, character training

.8 Home nursing

Care of sick and infirm

650 Business and related types of enterprise

Organization, activities, processes, techniques

Use **650.01–650.09** for standard subdivisions

.1 Success in business

651 Office services

Scope: office methods in museums [*formerly* **069.6**], parish office methods [*formerly* **254**]

For accounting procedures, see **657**

SUMMARY

651.2	Equipment and supplies
.3	Organization
.4	Operations
.5	Records management
.7	Communication
.8	Data processing
.9	Office services in specific kinds of enterprises

[.1] Space allocation

Class in **658.2**

► 651.2–651.8 Specific elements

.2 Equipment and supplies

Use **651.200 1 – 651.200 9** for standard subdivision

.202 Preventive and corrective maintenance of equipment

Including service contracts

► 651.23–651.26 Specific kinds of equipment

Selection, basis of acquisition (purchase or lease), description, use, maintenance, records of cost and depreciation

.23 Furniture

.26 Mechanized and automatic equipment

Class description, use, maintenance of mechanized and automatic equipment in a specific operation with the operation, e.g., typewriting **652.3**

Class electronic data processing [*formerly* **651.26**] in **651.8**

.263 Recording and dictating

651.264 Mechanized

Typewriters, copying and duplicating machines, stenographic machines, adding and calculating machines

.269 Automatic

Accounting machines, computers

.29 Supplies

Including stationery supplies [*formerly* **651.71**]

.3 Organization

.32 Administrative control

[.34] Personnel management

Class in **658.3**

.37 Office personnel

Grades, titles, functions

.371 Administrative secretaries

.372 Office managers

.374 Other

Including receptionists, messengers

.374 1 Secretaries

.374 2 Bookkeepers

.374 3 Clerical workers

Filers, typists, stenographers, clerks

[.38] Salary administration

Class in **658.32**

.4 Operations

For recording and transmission of information, see **651.5–651.8**

.41 Planning

Including work distribution and simplification, job analysis

[.42] Office attendance

Class in **658.312 1 – 658.312 2**

651.44 Procedures

► **651.5–651.8 Recording and transmission of information**

.5 Records management

For conventional written communication, see **651.74**

.51 Organization of records

Creation, maintenance, retention, final disposition

.53 Systems of arrangement (Filing systems [*formerly also* 029.3])

► 651.54–651.59 Storage

Scope: space, equipment, control, protection, preservation

► 651.54–651.56 Of original documents

.54 Active files

.56 Inactive files

.58 By microreproduction

.59 By computer programs

.7 Communication

Internal and external transmission of information thru messenger, postal, telecommunication, other systems

[.71] Stationery supplies

Class in **651.29**

.73 Oral communication

.74 Conventional written communication

Use **651.740 01 – 651.740 09** for standard subdivisions

Class business writing [*formerly* **651.74**] in **808.066**

For types of written communication, see **651.75–651.78**; *processes of written communication,* **652–655**

.740 2 Style manuals

► 651.75–651.78 Types of written communication

651.75 Correspondence

.77 Minutes

.78 Reports

.8 Data processing

Scope: electronic data processing [*formerly* 651.26]

.82 By use of calculating machines

.83 By use of punch-card and -tape equipment

.84 By use of other computers

.85 By use of integrated data processing machines

.89 By use of combinations of equipment

.9 Office services in specific kinds of enterprises

Divide like 001–999, e.g., office services in libraries 651.902

For specific elements, see 651.2–651.8

► **652–655 Processes of written communication**

Scope: description, use, maintenance of equipment

652 Writing

For shorthand, see 653

.1 Handwriting

For calligraphy (elegant handwriting), see 741

.3 Typewriting

Use 652.300 1 – 652.300 9 for standard subdivisions

.302 Typewriter manuals

Including specific kinds of typewriters

.307 Speed tests (Timed writing)

.32 Style manuals

.322 Letters

.323 Manuscripts

.324 Tabulations

[652.4] **Duplicating**

Class in 655.2–655.3

.8 Cryptography

653 Shorthand

.1 General principles

Class principles of a specific system with the system

► 653.2–653.4 Systems

.2 Abbreviation systems

Systems using conventional letters

.3 Machine shorthand systems

.4 Pen and pencil shorthand systems

For abbreviation systems, see 653.2

.41 Multilingual

.42 English-language

.421 Early forms

Systems devised before 1837

.422 Essentially nonphonetic systems

► 653.423–653.428 Essentially phonetic systems

.423 Geometric disjoined vowel systems

For Pitman systems, see 653.424

.424 Pitman systems

.424 2 Isaac Pitman

.424 3 Benn Pitman

.424 4 Graham

.424 5 Munson

.425 Geometric joined vowel systems

Including Pernin, Sloan, Lindsley, Dewey (1922)

653.426 Semigeometric, script-geometric, semiscript systems

Including Malone

For Gregg systems, see **653.427**

.427 Gregg systems

.427 2 Conventional

.427 3 Simplified

.428 Script systems

Including Dewey (1936)

.43–.49 Systems used in other languages

Divide like **430–490**, e.g., French systems **653.44**

654

655 Printing and related activities

Scope: bookmaking and book arts [*both formerly* **002**], printing and publishing music [*both formerly* **781.98**]

Use **655.001–655.009** for standard subdivisions

.01–.08 Standard subdivisions of printing

Class historical and geographical treatment in **655.1**

SUMMARY

655.1–.3 Printing

.1 Historical and geographical treatment

.2–.3 Processes

.2 Typography and composition

.3 Other

.4–.5 Publishing

.4 Standard subdivisions

.5 Specific elements

.7 Bookbinding

► **655.1–655.3 Printing**

.1 Historical and geographical treatment

.101–.104 Historical periods

Divide like standard subdivisions **090 1 – 090 4**, e.g., printing in 15th century **655.102 4**

655.108 Specific alphabets and characters

Not limited geographically

.108 7 Latin

.108 72 Roman

.108 73 Italic

.108 74 Black-letter

Including fraktur

108 8 Greek

.108 9 Other

Divide like **491–499**, e.g., Chinese **655.108 951**

.109 Regional treatment

Divide like area notation **1**, e.g., printing in Islamic regions **655.109 767**

.11 Invention of printing from movable type

.12 Celebration of printing anniversaries

.13–.19 Treatment by continent, country, locality

Scope: history, description, products, processes of specific establishments

Add area notations **3–9** to **655.1**

For invention of printing from movable type, see **655.11**; *celebration of printing anniversaries,* **655.12**

► **655.2–655.3 Processes**

Scope: duplicating [*formerly also* **652.4**]

Class processes of specific establishments in **655.13–655.19**

.2 Typography and composition

For special printing, see **655.38**

.21 Typefounding and typecasting

.24 Typefaces

Design, styles, specimens of letters, other characters and devices

655.25 Composition (Typesetting)

For machine composition, see **655.28**; *imposition and lockup,* **655.27**

.255 Proofreading

.258 Page design (Style manuals)

.27 Imposition and lockup

.28 Machine composition

.282 Hot

.283 Cold

Including typewriter and teletypesetter composition

.3 Other

► 655.31–655.32 Impression

For special printing, see **655.38**

.31 Mechanical techniques

► 655.312–655.314 Relief processes

.312 Letterpress

Printing from metallic type

.314 Plate

Printing from stereotypes, electrotypes, autotypes

For machine engraving and printing, see **655.318**

.315 Planographic processes

Printing from flat surfaces of metal or stone (lithography), paper, gelatin

Including offset lithography [*formerly* **655.325**]

.316 Stencil processes

Including silk-screen

.318 Machine engraving and printing

Including engraving and printing of bank notes, bonds, other securities, paper money, postage stamps

655.32 Photomechanical techniques

.325 Photolithography (Photo-offset)

Class offset lithography [*formerly* **655.325**] in **655.315**

.326 Photometallography

Photozincography, photoalgraphy, photoaluminography

.327 Photomechanical engraving

Photoengraving, photoetching, photogravure, photointaglio

.328 Xerographic processes

.38 Special printing

.382 Braille and other raised characters

.383 Maps [*formerly* 526.89]

.384 Music

► **655.4–655.5 Publishing**

Production of books, periodicals, newspapers

Class standard subdivisions in **655.4**

Class bookselling (book trade) [*formerly* **655.4–655.5**] in **658.8**

For printing, see **655.1–655.3**; *bookbinding,* **655.7**

.4 Standard subdivisions

.401–.408 Philosophy, miscellany, dictionaries, serial publications, organizations, study, collections

.409 Historical treatment

Class geographical treatment in **655.41–655.49**

.41–.49 Geographical treatment

Scope: history, description, products, processes of specific establishments

Add area notations **1–9** to **655.4**

.5 Specific elements

Class specific establishments in **655.41–655.49**

For journalism, see **070.1–070.4**

► 655.51–655.54 Publishing processes

655.51 Selection and editing of manuscripts

Class editorial techniques in **808.02**

.52 Relations with authors

.53 Design of format

.54 Manufacture

.57 Kinds of publications

For publishing processes, see **655.51–655.54**

.572 Serials

.573 Editions

Limited, vest-pocket, cloth-bound, paperback, subscription

.579 Special

Divide like **655.38**, e.g., map publishing **655.579 3**

.59 Kinds of publishers

For publishing processes, see **655.51–655.54**; *kinds of publications,* **655.57**

.592 Commercial

.593 Private

.594 Institutional

University, academic, society

.595 Government

[.6] **Copyright**

Class in **340**

.7 **Bookbinding**

Scope: materials

► 655.72–655.73 Methods

For specific elements, see **655.74–655.76**

.72 Hand

655.73 Commercial

.732 Individual-copy (Library)

.734 Edition

► 655.74–655.76 Specific elements

.74 Types of covers

.742 Leather

.743 Cloth

Including imitation leather

.744 Paper

.75 Types of fastenings

Oversewing, hand-sewing, side-sewing, wire-stitching, perfect binding

.76 Ornamentation

Tooling, lettering, marbling, gilding

656

657 Accounting principles and procedures

Scope: description, use, maintenance of equipment

► 657.2–657.6 General principles

Class general principles applied to accounting for specific kinds of enterprises in **657.8**

.2 **Constructive (Recording, Bookkeeping)**

.3 **Financial (Reporting)**

.4 **Administrative (Analytical)**

.42 Cost analysis

.422 Direct-material costs

.423 Direct-labor costs

.424 Other

Including manufacturing overhead and factory burden

.45 Internal auditing [*formerly* 657.64]

657.6 **Public accounting and auditing**

[.64] Internal auditing

Class in 657.45

.8 **Accounting for specific kinds of enterprises**

Add 0 to each subdivision identified by * and divide like 657.2–657.6, e.g., cost analysis for hotels and restaurants 657.837 042

.83 Service and professional

.832 Hospitals and other welfare services

.833 Finance and real estate

.834 Professions

Including accounting for libraries [*formerly* 025.11], for museums [*formerly* 069.6]

.835 *Government

Class accounting for a specific government service with the subject

.836 *Insurance

.837 *Hotels and restaurants

.838 *Public utilities

.839 *Wholesale and retail trade

.86 Other

.862 *Mining

.863 *Agricultural [*formerly also* 630]

.867 *Manufacturing

.869 *Construction

* Add 0 and divide as instructed under 657.8

658 **Management**

The executive function of planning, organizing, coordinating, directing, controlling, supervising a project or activity with responsibility for results

Scope: management of real-estate business [*formerly* 333.33], of private police services [*formerly* 351.744], of public utility services [*formerly* 380], business management of newspapers and periodicals [*both formerly* 070.3], of agricultural activities [*formerly* 630]

Use 658.001–658.009 for standard subdivisions

For public administration, see 350

.02 Management of enterprises of specific sizes

.022 Small [*formerly* 658.9]

.023 Big

► 658.023 2 – 658.023 5 Within one country

.023 2 Departmentalized

.023 3 Decentralized

.023 4 Horizontally organized

.023 5 Vertically organized

.023 6 International

.04 Management of enterprises of specific forms

Divide like 658.114, e.g., corporations 658.045

SUMMARY

658.1 Management by control of structure
.2 Management of plants (Plant engineering)
.3 Management of personnel (Personnel management)
.4 Management at executive levels (Executive management)
.5 Management of production (Industrial engineering)
.7 Management of materials (Materials control)
.8 Management of distribution (Marketing)
.9 Management of specific kinds of enterprises

► **658.1–658.8 Specific elements**

658.1 **Management by control of structure**

.11 Thru promotion and organization

.114 Forms of organization

► 658.114 1 – 658.114 7 For profit

.114 1 Individual proprietorships

.114 2 Partnerships

General and limited

.114 4 Unincorporated enterprises

Partnership associations, joint ventures, syndicates, joint stock companies

For partnerships, see **658.114 2**

.114 5 Corporations

.114 6 Combinations

.114 7 Cooperative organizations

.114 8 Nonprofit organizations

Charitable, social, political, occupational

.12 Thru legal counsel

[.14] Capitalization

Class in **658.15**

.15 Thru financial direction and supervision

Scope: capitalization [*formerly* **658.14**]

► 658.151–658.155 Specific elements

.151 Controllership

Managerial control thru accounting and reporting systems

.151 2 External reporting (Custodial accounting)

► 658.151 3 – 658.151 4 Internal (Managerial) accounting

658.151 3 Performance

Quantitative matching of performance with organizational responsibility

.151 4 Decision

Quantitative evaluation of alternate courses of action

.152 Capital adjustments and investments

Including liquidation for reorganization of capital structure [*formerly* **658.16**]

.153 Funds management

Disbursements [*formerly* **658.17**], funds flow of capital, internal control thru audit

.154 Budgetary control

Cost and inventory control

.155 Profitability accounting

Dividend policy [*formerly* **658.156**], surplus and undivided profits (savings [*formerly* **658.157**]), profit-and-loss control, long-range planning

[.156] Dividend policy

Class in **658.155**

[.157] Savings

Class in **658.155**

.159 Financial direction and supervision in specific kinds of enterprises

For specific elements, see **658.151–658.155**

.159 3 Service and professional

.159 32 Hospitals and other welfare services

.159 33 Finance and real estate

.159 34 Professions

.159 36 Insurance

658.159 37 Hotels and restaurants
.159 38 Public utilities
.159 39 Wholesale and retail trade
.159 6 Other
.159 62 Mining
.159 63 Agricultural
.159 67 Manufacturing
.159 69 Construction

.16 Thru intercorporate relations

Mergers and consolidations, holding companies, subsidiaries

Class liquidation for reorganization of capital structure [*formerly* 658.16] in 658.152

For control thru international operations, see 658.18

[.17] Disbursements

Class in 658.153

.18 Thru international operations

Foreign licensing, subsidiaries, independent organizations

.2 Management of plants (Plant engineering)

Management of equipment and facilities

Scope: space allocation for office services [*formerly* 651.1]

Use 658.200 1 – 658.200 9 for standard subdivisions

.202 Preventive and protective maintenance

Including maintenance of equipment [*formerly* 658.58], service contracts, plant protection

.21 Location

In relation to transportation, markets, labor supply, raw materials

.23 Layout
.24 Lighting
.25 Heating, ventilation, air conditioning
.28 Safety equipment

658.3 Management of personnel (Personnel management)

Procedure by which employees are hired, managed, replaced

Scope: personnel management of office services [*formerly* 651.34], in forestry [*formerly* 634.928]

Use 658.001–658.009 for standard subdivisions

Class managerial personnel policies [*formerly* 658.3] in 658.407

.302 Supervision [*formerly* 658.312 4]

.31 Administration of employment policies

.311 Recruitment and selection of personnel

Class placement of personnel [*formerly* 658.311] in 658.312 5 – 658.312 8

.311 1 Recruitment
.311 2 Qualification requirements
.311 22 Personal
.311 23 Professional and occupational

.312 Operations

► 658.312 1 – 658.312 2 Conditions of employment

Scope: office attendance [*formerly* 651.42], work schedules [*formerly* 658.381]

For promotion of personnel welfare, satisfaction, efficiency, see 658.38

.312 1 Days and hours of work
.312 2 Leaves of absence
.312 3 Position classification
.312 4 Training of personnel

Class supervision [*formerly* 658.312 4] in 658.302

.312 42 Orientation
.312 43 In-service training [*formerly* 658.386]

► 658.312 5 – 658.312 8 Placement [*formerly* 658.311] and evaluation of personnel

.312 5 Performance rating
.312 6 Promotion

658.312 7 Demotion

.312 8 Transfer

.312 9 Discipline

.313 Separation from service

Divide like **350.18**, e.g., dismissal **658.313 3**

.314 Employee morale

.315 Employer-employee relationships

For employee morale, see **658.314**

.315 1 Industrial relations counseling

.315 2 Employee representation in management

.315 3 Employee organizations

.315 4 Collective bargaining

.315 5 Grievances and appeals

.32 Wage and salary administration

Scope: salary administration of office services [*formerly* **651.38**]

.321 Payroll administration

.322 Compensation plans

.322 2 Classified pay plans

Including classification and pay plans of library personnel [*formerly also* **023.8**]

► 658.322 5 – 658.322 6 Incentives

.322 5 Bonus systems

.322 6 Merit awards

.325 Pensions

Including pension and retirement systems for library personnel [*formerly also* **023.8**]

.37 Personnel management in specific kinds of enterprises and occupations

Divide like **001–999**, e.g., personnel management in schools **658.373 71**

For a specific element of personnel management, see the subject, e.g., pensions **658.325**

658.38 Promotion of personnel welfare, satisfaction, efficiency

[.381] Work schedules

Class in **658.312 1 – 658.312 2**

.382 Health and safety programs

.383 Welfare services

Housing, transportation, food services, discounts

.385 Counseling services

.386 Educational programs

Including industrial rehabilitation, adjustment to automation

Class in-service training [*formerly* **658.386**] in **658.312 43**

[.39] Internal organization

Class in **658.402**

.4 Management at executive levels (Executive management)

Use **658.400 1 – 658.400 9** for standard subdivisions

Class a specific activity of executive management with the subject

.402 Internal organization [*formerly* 658.39]

Direction, control, coordination thru line, functional, line-and-staff, independent staff organization

.407 Managerial personnel policies [*formerly* 658.3]

Including executive compensation, managerial training

► 658.42–658.43 Specific levels

.42 Top management

Direction and control of organization and functions, coordination of interdivisional relationships by senior officers

.43 Middle management

Direction and control of operations by junior officers

► 658.45–658.47 Specific elements of executive management

658.45 Communication

.452 Oral

.453 Written

.455 Informational programs

Including house organs, company films, bulletin boards

.46 Use of consultants

.47 Security

.5 Management of production (Industrial engineering)

Management of extraction, manufacture, transportation, storage, exchange (procurement and marketing) of goods and services

Use **658.500 1 – 658.500 9** for standard subdivisions

For plant engineering, see **658.2**; *materials control,* **658.7**; *marketing,* **658.8**

► 658.501–658.507 Analysis

► 658.501–658.503 Specific elements

.501 Information analysis

.502 Systems analysis

Analysis of standards and procedures of total production systems

.503 Specific factors in analysis

.503 2 Financial

Billing, appraisal of investment, cost appraisal

.503 3 Inventory

.503 4 Marketing mix

Sales promotion, research and development, price

.503 5 Current orders

► 658.505–658.507 Analytical techniques

658.505 Use of digital computer systems

► 658.505 1 – 658.505 3 Programing

.505 1 Preparation of general flow charts

.505 2 Preparation of detailed flow charts (Block diagraming)

.505 3 Coding

Preparation of instructions for converting written language into machine language

.505 4 Computer output and data transmission

.506 Use of software systems

Master programs by which computers write own programs

.507 Use of analog computer systems

Coordination of current operations into total production systems

Including control of technical processes

► 658.51–658.57 Specific elements

.51 Programing of production

.511 Based on analysis of operations and manpower

Methods and performance standards for job specifications

.512 Based on inventory control

Materials used and commodities produced

.513 Based on marketing schedules

.516 Internal standardization

Equipment, procedures, products

► 658.53–658.57 Operational management

.53 Systems and procedures

Including production charts

.54 Operation studies (Methods analysis)

.542 Time and motion studies

.544 Fatigue and monotony studies

658.56 Production control

.561 Production methods

Continuous-process, assembly-line, job-lot, single-piece

.562 Quality control

.564 Unit packaging

.567 Industrial waste

Salvage and utilization

.57 Production research and development

[.58] Maintenance of equipment

Class in **658.202**

.7 Management of materials (Materials control)

Control of goods used and commodities produced

For marketing, see **658.8**

.72 Procurement

Acquisition of property, equipment, supplies needed in production

Including receipt [*formerly* **658.77**]

[.77] Receipt

Class in **658.72**

.78 Traffic management

Into, within, out of plant

.785 Storage

.787 Inventory control

.788 Shipment

.788 2 Selection of carrier and routing

.788 3 Cost of inventory in transit

.788 4 Packing for shipment

.788 5 Loading and unloading

.788 6 Supervision

Including tracing, expediting

658.8 Management of distribution (Marketing)

Of goods and services

Scope: bookselling (book trade) [*formerly* **655.4–655.5**], marketing of insurance [*formerly* **368**]

Use **658.800 1 – 658.800 9** for standard subdivisions

.809 Marketing specific kinds of goods and services

Divide like **001–999**, e.g., marketing automobiles **658.809 629 2**

► 658.81–658.83 Merchandising

For salesmanship, see **658.85**

.81 Sales management

Use **658.810 01 – 658.810 09** for standard subdivisions

► 658.810 2 – 658.810 4 Kinds of sales organizations

.810 2 Centralized

With general sales managers

.810 3 Decentralized

With sales districts

.810 4 Product-oriented

.812 Sales policies

.816 Pricing policies

.818 Sales forecasting and budgeting

.82 Sales promotion techniques

.83 Market research and analysis

[.830 9] Historical and geographical treatment

Do not use; class in **658.839**

.838 On specific products

Divide like **001–999**, e.g., market research and analysis on cosmetics **658.838 668 55**

.839 Historical and geographical treatment

Add area notations **1–9** to **658.839**

658.84 Channels of distribution

Including markets, fairs, auctions

.85 Personal selling (Salesmanship)

Class personal selling of specific kinds of goods and services in **658.89**

.86 Wholesale marketing

.87 Retail (Consumer) marketing

Use **658.870 01 – 658.870 09** for standard subdivisions

► 658.870 1 – 658.870 7 By type of ownership and control

.870 1 Independent units [*formerly* 658.874]

For consumer cooperatives, see **658.870 7**

► 658.870 2 – 658.870 3 Chain-store units [*formerly* 658.873]

.870 2 Corporate chains

.870 3 Voluntary chains

.870 4 Sideline stores and markets

.870 5 Manufacturers' outlets

.870 6 Branch stores [*formerly* 658.877]

.870 7 Consumer cooperatives

► 658.871–658.879 By merchandising pattern

.871 Department stores

.872 Mail-order houses

.873 Variety stores

Class chain-store units [*formerly* **658.873**] in **658.870 2 – 658.870 3**

.874 General stores

Class independent units [*formerly* **658.874**] in **658.870 1**

.875 Specialty shops

.876 Single-line outlets

[.877] Branch stores

Class in **658.870 6**

658.878 Supermarkets

.879 Discount stores

.88 Credit management

.882 Mercantile credit

.883 Consumer (Retail) credit

Including collecting of medical accounts [*formerly* **614.25**], deferred payment plans

.89 Personal selling of specific kinds of goods and services

Divide like **001–999**, e.g., selling automobiles **658.896 292**

.9 Management of specific kinds of enterprises

Class management of small business [*formerly* **658.9**] in **658.022**

For specific elements, see **658.1–658.8**

.91 Service and professional

Divide like **001–999**, e.g., management of libraries **658.910 2**

.92–.99 Other

Extractive, manufacturing, construction

Divide like **620–690**, e.g., management of apparel manufacture **658.987**

659 Other activities, processes, techniques

.1 Advertising

Promotion of organizations, products, services thru publicity

[.101 15] Psychological aspects

Class in **659.101 9**

.101 9 Psychological aspects [*formerly* 659.101 15]

► 659.11–659.17 Specific elements

659.11 Organization

.111 Policies and purposes

.112 Agencies and departments

.112 7 Research department

.113 Campaigns

► 659.13–659.17 Mediums

.13 Visual and audio-visual advertising

For advertising by display of goods and services, see **659.15**; *broadcast advertising,* **659.14**

.132 Newspaper and magazine

.132 2 Copywriting

► 659.132 3 – 659.132 5 Art and design

.132 3 Art

.132 4 Layout and typography

.132 5 Color

.133 Direct-mail

Circulars, letters, mail-order catalogs, broadsides

.134 Conventional sign

Including transportation signs

.136 Spectacular and other electric-sign

.137 Specialty

Including blotters, calendars, other novelties, programs, postcards, banners, toys

.138 Entertainment

Including stunts and use of recreational mediums

659.14 Broadcast advertising

.142 Radio

.143 Television

.15 Advertising by display of goods and services

.152 Exhibits and shows

Including fashion modeling

.153 Demonstrations

.157 Point-of-sale advertising

Window, showcase, counter displays

.17 Contests and lotteries

.19 Advertising specific kinds of organizations, products, services

Divide like **001–999**, e.g., library advertising **659.190 2**

For specific elements, see **659.11–659.17**

.2 **Public relations**

Promotion of rapport and good will, assessment of public reaction

660 Chemical technology and related industries

Use **660.001–660.009** for standard subdivisions

For elastomers and elastomer products, see **678**

.01–.09 Standard subdivisions of chemical technology

► **660.2–660.7 General principles**

Class general principles applied to a specific subject with the subject

.2 Chemical engineering

For industrial stoichiometry, see **660.7**

.28 The chemical plant

Use **660.280 01 – 660.280 09** for standard subdivisions

.280 7 Specific types

.280 71 Bench-scale

.280 72 Pilot

.280 73 Full-scale

.281 Process design and assembly

.282 Raw and auxiliary materials

Including farm materials

.283 Process equipment

Instruments, apparatus, machinery, e.g., autoclaves, columns, towers, mixing machines, reactors

.284 Processes

.284 2 Unit operations

Operations basically physical

.284 22 Size reduction and separation

Crushing, grinding, screening

► 660.284 23 – 660.284 25 Mass transfer

.284 23 Absorption and adsorption

Including gas chromatography

660.284 24 Precipitation, filtration, solvent extraction

.284 25 Fractional distillation

.284 26 Evaporative processes

Heat-drying and freeze-drying

.284 27 Heat transfer

.284 29 Other

.284 292 Momentum transfer

Fluid flow and fluid mixing

.284 293 Humidification

.284 298 Crystallization

.284 4 Unit processes

Operations basically chemical

Divide like **547.2**, e.g., hydrogenation **660.284 43**

.29 Applied physical chemistry

Divide like **541.3**, e.g., electrochemistry **660.297**

.6 Industrial microbiology

.7 Industrial stoichiometry

661 Industrial chemicals (Heavy chemicals)

Large-scale production of chemicals used as raw materials or reagents in the manufacture of other products

Use **661.001–661.009** for standard subdivisions

For industrial gases, see **665.7–665.8**

► 661.03–661.08 Compounds

Class specific structural types of compounds in **661.2–661.8**

.03 Metallic compounds

Class metallic compounds other than those of alkali and alkaline earth metals in **661.04–661.07**

.038–.039 Alkali and alkaline earth

Divide like **546.38–546.39**, e.g., sodium compounds **661.038 2**

661.04–.07 Other compounds

Divide like **546.4–546.7**, e.g., sulfur compounds **661.072 3**

For hydrogen compounds, see **661.08**

.08 Hydrogen compounds

Heavy water and hydrides

SUMMARY

661.1	**Nonmetallic elements**
.2	**Acids**
.3	**Bases**
.4	**Halogens, phosphorus, silicon salts**
.5	**Ammonium salts**
.6	**Sulfur and nitrogen salts**
.8	**Organic chemicals**

► **661.1–661.6 Inorganic chemicals**

.1 Nonmetallic elements

Class gaseous elements in **665.8**, carbon in **662.9**

.2 Acids

.22 Sulfuric

.23 Hydrochloric (Muriatic)

.24 Nitric

.25 Phosphoric

.29 Other

.3 Bases

► 661.32–661.35 Alkalis

.32 Sodas

.322 Caustic soda (Sodium hydroxide)

.323 Sodium bicarbonate

.324 Sodium carbonate

.33 Potash and other potassium alkalis

.332 Caustic potash (Potassium hydroxide)

.333 Potassium bicarbonate

.334 Potassium carbonate

661.34 Ammonia and ammonium hydroxide

.35 Other alkalis

Hydroxides and carbonates of lithium, rubidium, cesium, francium, and alkaline earth metals

.36 Other bases

► **661.4–661.6 Salts**

Simple, double, complex

.4 Halogen, phosphorus, silicon salts

For ammonium salts, see **661.5**

.42 Halogen

Chlorides, chlorites, chlorates, and corresponding salts of other halogens

.43 Phosphorus and silicon

Phosphides, phosphites, phosphates, and corresponding salts of silicon

Including water glass [*formerly* **666.159**]

.5 Ammonium salts

.6 Sulfur and nitrogen salts

For ammonium salts, see **661.5**

.63 Sulfur

Sulfides, sulfites, sulfates

For plaster of Paris, see **666.92**

.65 Nitrogen

Nitrides, nitrites, nitrates

[.7] **Cyanides (Nitriles)**

Class in **661.894**

661.8 Organic chemicals

Cyclic [*formerly* 668.7] and aliphatic

Use 661.800 1 – 661.800 9 for standard subdivisions

Divide each subdivision identified by * like 661.81, e.g., aliphatic esters 661.834

► 661.802–661.804 Derived chemicals

.802 Cellulose derivatives [*formerly* 676.44]

.803 Coal tar chemicals

.804 Petroleum chemicals

.805 Synthetic chemicals

► 661.806–661.808 Special-purpose chemicals

.806 Essential oils

.807 Solvents, diluents, extenders

.808 Photographic chemicals

Including photosensitive surfaces [*formerly* 770.281]

Class specific inorganic chemicals in 661.1–661.6

.81 Hydrocarbons

.814 Aliphatic

.815 Alicyclic and heterocyclic

.816 Aromatic

► 661.82–661.86 Hydrocarbon derivatives

Class halogen and nitrogen derivatives of hydrocarbons in 661.891–661.894

.82 *Alcohols and phenols

For glycerin, see 668.2

.83 *Esters

.84 *Ethers

.85 *Aldehydes and ketones

.86 *Acids

* Divide as instructed under 661.8

661.87 *Phosphorus compounds

.88 *Silicon compounds

.89 Other

► 661.891–661.894 Other hydrocarbon derivatives

.891 *Halogen derivatives

.894 *Nitrogen derivatives

Including cyanides (nitriles) [*formerly* 661.7]

.895 *Metallic compounds

Salts, chelates, arsenicals, Grignards

662 Explosives, fuels, and related products

SUMMARY

662.1	Fireworks (Pyrotechnics)
.2	Explosives
.4	Detonators
.5	Matches
.6	Fuel technology
.7	Residual products of carbonization
.8	Other fuels
.9	Nonfuel carbons

.1 Fireworks (Pyrotechnics)

.2 Explosives

Chemicals for propelling, bursting, demolition charges

.26 Propellants (Burning and deflagratory charges) [*formerly* 662.3]

Black powder (gunpowder), smokeless powder, nitrocellulose (guncotton), cordite, flashless and coated powders

For rocket propellants, see 662.666

.27 High explosives

Nitroglycerin, dynamite, nitroguanidine, TNT (trinitrotoluene), ammonium picrate and chlorate, PETN (pentaerythrite tetranitrate), RDX (cyclonite, hexagen), tetryl, HMTD (hexamethylene-triperoxidediamine)

Including primary explosives, e.g., mercury fulminate, lead azide and picrate, diazonitrophenol

* Divide as instructed under 661.8

[662.3] **Propellants (Burning and deflagratory charges)**

Class in **662.26**

.4 **Detonators**

Fuses, primers, firing mechanisms, boosters, percussion caps

.5 **Matches**

► **662.6–662.8 Fuels**

Class fluid fossil fuels in **665.5–665.7**

.6 **Fuel technology**

► 662.62–662.65 Solid carbonaceous fuels

.62 Coal

.622 Analysis and tests

Tests of physical and carbonizing properties

[.622 09] Historical and geographical treatment

Do not use; class in **662.622 9**

.622 1–.622 5 Of specific types

Divide like **553.21–553.25**, e.g., analysis and tests of bituminous coal **662.622 4**

.622 9 Historical and geographical treatment

Add area notations **1–9** to **662.622 9**

.623 Mechanical treatment

Washing, coloring, drying, grinding, sizing

.624 Storage, transportation, distribution

.625 Uses

Class a specific use with the subject

.65 Other

Bagasse, briquettes, wood, sawdust

For rocket fuels, see **662.666**; *residual products of carbonization,* **662.7**

662.66 Synthetic fuels

.662 Synthetic petroleum

.662 2 Bergius process

Production thru hydrogenation and liquefaction of coal

.662 3 Fischer-Tropsch processes

Production thru hydrogenation of carbonaceous gases

.666 Rocket fuels (Rocket propellants)

In liquid and solid forms

.669 Other liquid fuels

Including fuel alcohols and benzenes from waste products

.7 **Residual products of carbonization**

.72 Of coal (Coke)

.74 Of wood (Charcoal)

.8 **Other fuels**

.82 Colloidal and mud fuels

.86 High-energy boron

.9 **Nonfuel carbons**

.92 Graphite [*formerly also* 666.72] and graphite products

.93 Adsorbent carbons

Activated carbons, animal black, bone char, carbon black, adsorbent charcoals, decolorizing carbons, lampblack

663–664 Food and drink

Manufacture (commercial preparation and preservation), packaging of edible products for human and animal consumption

Class comprehensive works in **664**

For dairy and related products, see **637**

663 Drinks, stimulants, their substitutes

SUMMARY

663.1	General principles
.2	Wines and wine making
.3	Brewery practices
.4	Specific kinds of brewed and malted beverages
.5	Distilled liquors
.6	Nonalcoholic liquids
.9	Other stimulants and their substitutes

663.1–663.5 Alcoholic beverages

.1 General principles

Class general principles applied to specific types of alcoholic beverages in **663.2–663.5**

.11 Raw and auxiliary materials

.12 Preliminary preparations

.13 Fermentation

.14 Packing

.15 Refrigeration and pasteurization

.16 Distillation

.17 Aging

.19 Bottling

.2 Wines and wine making

Use **663.200 1 – 663.200 9** for standard subdivisions

.201–.209 General principles

Divide like **663.11–663.19**, e.g., fermentation **663.203**

663.22–663.29 Specific kinds of wine

663.22 Grape

Natural and fortified

.222 White

.223 Red

.224 Sparkling

.29 Other

663.3–663.4 Brewed and malted beverages

.3 Brewery practices

Divide like **663.1**, e.g., fermentation **663.33**

For specific kinds of brewed and malted beverages, see **663.4**

.4 Specific kinds of brewed and malted beverages

.42 Beers

.49 Other

Including sake, pulque

.5 Distilled liquors

Use **663.500 1 – 663.500 9** for standard subdivisions

.501–.509 General principles

Divide like **663.11–663.19**, e.g., distillation **663.506**

663.52–663.59 Specific kinds of liquors

.52 Whiskies

Liquors made by distilling fermented grain mash

.53 Brandies

Liquors made by distilling fermented fruit mash

.55 Compound liquors

Distilled spirits flavored with various seeds, roots, leaves, flowers, or fruits, e.g., gin, cordials (liqueurs)

.59 Other

Including mescal, potato whisky

663.6 **Nonalcoholic liquids**

.61 Potable water

Bottled and canned

.62 Mineralized and carbonated beverages

Artificial and natural

.63 Natural fruit and vegetable juices

.64 Milk substitutes

Beverages and beverage constituents from soybeans, coconuts, malted cereals

[.8] **Bartenders' manuals and recipes**

Class in 641.874

.9 **Other stimulants and their substitutes**

Divide each subdivision identified by * as follows:

1 Raw and auxiliary materials
2 Preliminary preparations
3 Fermentation and oxidation
4 Firing, roasting, curing
5 Blending
7 Specific varieties
8 Concentrates
9 Packaging

.92 Cacao, cocoa, chocolate (Theobroma cacao)

.93 *Coffee (Coffea)

.94 *Tea (Thea sinensis)

.96 Herb teas

Catnip, sassafras, maté (Ilex paraguayensis), other aromatic and medicinal teas

.97 Coffee substitutes

Chicory (Cichorium intybus), acorns, cereal preparations

* Divide as instructed under 663.9

664 **Food technology**

Use 664.001–664.009 for standard subdivisions

.01 Raw and auxiliary materials

.02 Processes

.022 Extraction

.023 Refining

.024 Manufacture

.028 Preservation techniques [*formerly* 664.802 8]

.028 1 Preliminary treatment

.028 2 Canning

.028 4 Drying and dehydrating

.028 42 By slow, thermal processes

.028 43 Thru pulverization and flaking

.028 45 By freeze-drying

.028 5 Cryogenic techniques

Application and maintenance of constant range of lowered temperature

.028 52 Cold storage

.028 53 Deep freezing

► 664.028 6 – 664.028 7 Chemical preservation

.028 6 By brining, pickling, smoking

.028 7 By use of additives

.028 8 Treatment with electromagnetic radiations

.06 Additives

.07 Tests, analysis, quality controls

For texture, taste, color, contaminants

.08 By-products

.09 Packaging

SUMMARY

664.1 Sugars, sirups, their derived products
.2 Starches and jellying agents
.3 Fats and oils
.4 Food salts
.5 Other flavoring aids
.6 Special-purpose foods and aids
.7 Grains, other seeds, their derived products
.8 Fruits and vegetables
.9 Meats and allied foods

664.1 Sugars, sirups, their derived products

► 664.11–664.13 Sugars and sirups

.11 General principles

Class general principles applied to specific sugars and sirups in 664.12–664.13

.111 Raw and auxiliary materials

.112 Preliminary preparations

.113 Extraction and purification

.114 Concentration

Production of sirups

.115 Crystallization

Production of sugars

.116 Additives

.117 Tests, analysis, quality controls

For texture, taste, color, contaminants

.118 By-products

.119 Packaging

► 664.12–664.13 Specific sugars and sirups

.12 Cane and beet

.122 Cane

Divide like 664.11, e.g., molasses 664.122 8

.123 Beet

664.13 Other

For honey, see 638.16

.132 Maple

.133 Corn and sorghum

.139 Minor sources

Including sirup from Jerusalem artichokes

.15 Sugar products

.152 Jams, jellies, marmalades [*all formerly* 664.83]

.153 Candies

.19 By-product utilization

Class a specific use with the subject

.2 Starches and jellying agents

► 664.22–664.24 Starches

.22 Cornstarch and potato starch

.23 Cassava and arrowroot starches

.24 Other starches

► 664.25–664.26 Jellying agents

.25 Pectins

.26 Gelatins

Of animal and vegetable origin

.3 Fats and oils

► 664.32–664.34 Shortenings

.32 Oleomargarins

.33 Other hydrogenated fats and oils

.34 Lard

.36 Salad and cooking oils [*both formerly* 665.32]

Oils in liquid form

.362 Olive oil

664.363 Cottonseed oil

.369 Other

Corn, soybean, peanut, safflower, sesame oils

.37 Salad dressings

Products in which oil is principal ingredient, e.g., mayonnaise, french dressing

.4 Food salts

Table salt, monosodium glutamate, tenderizers, sodium-free and other dietetic salts

.5 Other flavoring aids

.52–.54 Essences, spices, condiments

Divide like **633.82–633.84**, e.g., vanilla extract **664.52**

.55 Vinegar

.58 Composites

Catsups, chutneys, sauces

.6 Special-purpose foods and aids

► 664.62–664.66 Special-purpose foods

Class a specific food with the subject, preservation in **664.8–664.9**

.62 Baby foods

.63 Low-calorie foods

.64 Meatless high-protein foods

.65 Composites

Complete meals, packaged ingredients for specific recipes

Class secondary cereal products in **664.75**

.66 Pet foods

.68 Leavening agents and baking aids

Baking powder, baking soda, cream of tartar, yeast

664.7 Grains, other seeds, their derived products

.72 Milling and milling products

Use **664.720 01 – 664.720 09** for standard subdivisions

For animal feeds, see **664.76**

► 664.720 1 – 664.720 9 General principles

.720 1 Preliminary treatment

.720 3 Grinding and deflaking

.720 4 Sifting, grading, quality controls

.720 7 Products

Refined grains, flours, meals

.720 8 By-products

Brans, siftings, millings

.720 9 Packaging

.722 Wheat

.722 7 Products

.722 72 Flour

.722 73 Meal [*formerly* 664.729]

.722 8 By-products

Bran, siftings, millings

.725 Other cereal grains

Flours and meals of corn, oats, rye, rice, buckwheat, millet

.726 Other seeds

Flours and meals of cottonseeds, soybeans, sunflowers, peanuts, nuts

[.729] Prepared cereal processing

Class wheat meal in **664.722 73**, ready-to-eat cereals in **664.756**

.75 Secondary products

Manufacture and packaging

.752 Bakery goods

Breads, pastries, crackers

664.753 Mixes and prepared doughs

.755 Pastas

Macaroni, spaghetti, vermicelli, noodles, and their variants

.756 Ready-to-eat cereals [*formerly* 664.729]

.76 Animal feeds

Milling, manufacture, packaging

.762 Cereal grains

Individual and mixtures

.763 Other seeds

Individual and mixtures

.764 Cereal grain and seed mixtures

.768 Formula feeds

Pellets, cakes, flakes, granules, powders basically of cereal grains and other seeds and fortified with vitamins and minerals

.8 Fruits and vegetables

Use **664.800 1 – 664.800 9** for standard subdivisions

[.802 8] General preservation techniques

Class in **664.028**

.807–.809 Ancillary techniques

Divide like **664.07–664.09**, e.g., packaging preserved foods **664.09**

► 664.81–664.88 Preservation techniques

.81 Preliminary treatment

.82 Canning

[.83] Jams, jellies, marmalades

Class in **664.152**

.84–.88 Other processes

Divide like **664.028 4 – 664.028 8**, e.g., deep freezing fruits and vegetables **664.853**

664.9 Meats and allied foods

Use **664.900 1 – 664.900 9** for standard subdivisions

.902 Preservation and operating installations

.902 8 Preservation techniques

Divide like **664.028**, e.g., slaughtering **664.902 81**

.902 9 Slaughterhouses

.907–.909 Ancillary techniques

Divide like **664.07–664.09**, e.g., packaging meats and allied foods **664.909**

► 664.92–664.95 Specific products

.92 Red meats

Divide like **664.028**, e.g., canning red meats **664.922**

.93 Poultry

Divide like **664.028**, e.g., dressing poultry **664.931**

.94 Seafood

Fish and shellfish

Divide like **664.028**, e.g., canning seafood **664.942**

.95 Other

Frogs, turtles, snails, insects

665 Industrial oils, fats, waxes, gases

Nonvolatile, saponifying, lubricating oils, fats, waxes of organic and mineral origin; natural, derived, manufactured gases

.028 Techniques

.028 2 Extraction

Rendering, pressurizing, steam distilling

.028 3 Refining

Purifying, bleaching, coloring, fractionating, blending

.028 8 Tests, analyses, quality controls

SUMMARY

665.1 Waxes
.2 Animal fats and oils
.3 Vegetable fats and oils
.4 Mineral oils and waxes other than petroleum
.5 Petroleum
.7 Gaseous fuels and illuminants
.8 Other gases

665.1 Waxes

For mineral waxes, see **665.4–665.5**

.12 Vegetable

Carnauba, candelilla (grass wax), laurel, myrtle, candleberry, bayberry waxes

.13 Animal

Spermaceti, lanolin (wool wax), insect waxes

For beeswax, see **638.17**

.19 Blended

.2 Animal fats and oils

Tallows and fish, whale, neat's-foot oils

.3 Vegetable fats and oils

[.32] Salad and cooking oils

Class in **664.36**

.33 Wood oils

.332 Crude turpentines

Class turpentine oils in **661.806**

.333 Tung oil (Chinese wood oil)

.35 Other

.352 Linseed oil (Flaxseed oil)

.353 Castor oil

.354 Cacao butter (Cocoa butter)

.355 Coconut oil

► 665.4–665.5 Mineral oils and waxes

665.4 Mineral oils and waxes other than petroleum

Ozocerite, shale oils, naturally-occurring paraffins and asphalts

.5 Petroleum

Scope: petroleum and natural gas

Class natural gas in **665.7**

.502 8 Apparatus and equipment

Class techniques in **665.53**

.53 Refinery treatment and products

.532 Fractional distillation

.533 Cracking processes

Thermal and catalytic cracking, hydrogenation of residual petroleum distillates

.534 Purification and blending of distillates

.538 Direct refinery products and by-products

Tests, analyses, quality controls, specifications, additives

.538 2 Naphthas and gasolines

.538 24 Low-boiling naphthas

.538 25 Aviation gasolines

High-octane-rating gasolines

.538 27 Gasolines for land vehicles

.538 3 Kerosenes

.538 4 Heavy fuel oils

Gas oil, absorber oil, diesel fuels, fuel oils for heating

.538 5 Lubricating oils and greases

Petrolatums and paraffinic waxes

.538 8 Residues (Bottoms)

Asphalts, bunker and road oils, petroleum coke, pitch

665.54 Storage, transportation, distribution

.55 Uses

Class a specific use with the subject

► **665.7–665.8 Industrial gases**

Manufacture, processing, liquefaction, solidification, by-products, storage, transportation, distribution, uses

.7 Gaseous fuels and illuminants

Natural and manufactured gases

.73 Processing natural gas

Including extraction of helium [*formerly* **665.822**]

.74 Storage, transportation, distribution

.75 Uses

Class a specific use with the subject

.77 Production of manufactured gases

For acetylene, see **665.85**

.772 From coal and coke

Coal, producer, water, carbureted-blue, blast-furnace, city, coke-oven gases

.773 From petroleum and natural gas

Oil, refinery, reformed-refinery, reformed-natural gases and liquefied hydrocarbon gases, e.g., butane, propane, pentane, butene and their mixtures

.779 By mixing fuel gases from several sources

.8 Other gases

For ammonia, see **661.34**

.81 Hydrogen

.82 From liquefaction and fractionation of air

.822 Rare gases

Helium, argon, neon, xenon, krypton

Class extraction of helium from natural gases [*formerly* **665.822**] in **665.73**

665.823 Oxygen

.824 Nitrogen

[.825] Carbon dioxide

Class in **665.89**

.83 Halogen gases

.84 Sulfur dioxide

.85 Acetylene

.89 Other

Including carbon dioxide [*formerly* **665.825**], ozone, hydrogen sulfide

666 Ceramic and allied industries

Use **666.001–666.009** for standard subdivisions

.01–.09 Standard subdivisions of ceramic industries

SUMMARY

661.1 Glass
.2 Enameling and enamels
.3–.6 Pottery
.3 General principles
.4 Processes
.5 Porcelain (China)
.6 Stoneware and earthenware
.7 Refractories and structural clay products
.8 Synthetic minerals and artificial stones
.9 Masonry adhesives

.1 Glass

► 666.12–666.13 General principles

Class general principles applied to specific types in **666.15**

.12 Materials and techniques

.121 Raw and auxiliary materials

► 666.122–666.129 Specific operations

For tests, analyses, quality controls, see **666.13**

666.122 Blowing
.123 Pressing
.124 Drawing
.125 Molding and casting
.126 Multiform processes
Cold-molding glass powder under pressure and firing at high temperatures
.129 Other
Including annealing and tempering
.13 Tests, analyses, quality controls
.15 Specific types
.152 Window
.153 Plate
.154 Laminated
.155 Heat-resistant
.156 Optical
[.159] Water glass
Class in **661.43**
.19 Products
.2 Enameling and enamels
Vitreous glazes fused over metal, glass, pottery

► **666.3–666.6 Pottery**

.3 General principles
Divide like standard subdivisions **01–09**, e.g., commercial pottery in United States **666.397 3**
Class techniques in **666.4**
.4 Processes
Divide like **738.1**, e.g., kilns **663.43**

► **666.5–666.6 Specific types**

666.5 Porcelain (China)
.58 Specific products
Vases, tableware, figurines, insulators
.6 Earthenware and stoneware
.68 Specific products
Containers, tableware, figurines, industrial products
.7 Refractories and structural clay products
.72 Refractory materials
Asbestos, fire-clays, alumina, zirconia, chrome, talc, mica
Class graphite [*formerly* **666.72**] in **662.92**
.73 Structural clay products
.732 Roofing tiles
.733 Tile drains and piping
.737 Solid bricks
.738 Hollow and perforated bricks
.8 Synthetic minerals and artificial stones

► 666.86–666.88 Synthetic minerals

.86 Earthy minerals
Synthetic mica, feldspar, graphite, cryolite
.88 Gems and gem minerals
Synthetic diamonds, garnets, rubies, sapphires
.89 Artificial stones
.894 Hollow concrete and cinder blocks
.895 Solid concrete blocks
Divide like **693.5**, e.g., precast ferroconcrete blocks **666.895 44**

666.9 **Masonry adhesives**

.92 Gypsum plasters

Plaster of Paris, cement plaster and mortar, Keene's cement

.93 Limes and lime mortars

.94 Portland cement

667 Cleaning, color and related industries

.1 **Cleaning and bleaching**

Of textiles, furs, feathers, leather

.12 Dry cleaning

.13 Laundering and finishing operations

.14 Bleaching practices

.2 **Dyes and pigments**

► 667.25–667.26 Dyes

.25 Synthetic

Divide like **547.86**, e.g., manufacture of azo-oxy dyes **667.253**

.26 Natural

.29 Pigments

.3 **Process dyeing and printing**

.31–.35 Dyeing specific textiles

Divide like **677.1–677.5**, e.g., dyeing nylon **667.347 3**

.38 Printing processes

Direct and resist processes

► **667.4–667.5 Inks**

.4 **Writing**

.5 **Printing**

► **667.6–667.8 Protective and decorative coatings**

667.6 **Paints**

.62 Oil-soluble

► 667.622–667.624 Basic and auxiliary ingredients of paints

.622 Oils, driers, plasticizers

.623 Pigments and extenders

For carbon black, see **662.93**

.624 Diluents (Thinners)

.63 Water-soluble

Whitewash and latex paints

.69 Special-purpose

Fire-resistant and luminous paints

.7 **Varnishes and allied products**

For japans, see **667.8**

.72 Polishes

.75 Lackers

Nitrocellulose (cellulose nitrate), acetate, glyptal lackers

.79 Spirit varnishes

Shellacs and spar varnishes

.8 **Japans (Oil varnishes)**

.9 **Surface finishing**

Painting, varnishing, spraying, dipping, metalizing

Including paint shop practice

Class a specific application with the subject

668 Other organic products

SUMMARY

668.1	Surface-active materials
.2	Glycerin
.3	Adhesives and related products
.4	Plastics
.5	Perfumes and cosmetics
.6	Agricultural chemicals and related products

.1 Surface-active materials

.12 Soaps

.124 Soluble

Framed and milled soaps, chips, powders, liquid concentrates

.125 Insoluble (Metallic)

Oleates and stearates of aluminum, copper, cobalt, magnesium, iron, calcium

.127 Scouring compounds

.14 Detergents and wetting agents

Non-soap materials that manifest surface activity, e.g., sulfated oils and hydrocarbons, fatty-alcohol sulfates

.2 **Glycerin**

.3 **Adhesives and related products**

► 668.31–668.33 Glues

.31 Synthetic

.32 Animal

Glues derived from meat-packing by-products, albumin, casein

.33 Vegetable

Starch pastes, mucilages, nitrocellulose and soybean glues

.34 Crude gelatin

.37 Gums and resins

.372 Natural [*formerly* 668.47]

668.374 Synthetic

Water-soluble gums and resins

.38 Sealants

.4 **Plastics**

For elastomers, see 678.7

[.402 8] Techniques, apparatus, equipment

Do not use; class in 668.41

SUMMARY

668.41	Materials and techniques
.42	Polymerization plastics
.43	Protein plastics
.44	Cellulosics
.45	Plastics from natural resins
.49	Products

.41 Techniques, apparatus, equipment

Class manufacturing specific kinds of plastics in 668.42–668.45

.411 Raw and auxiliary materials

Linters, bagasse, fillers, lubricants, plasticizers

► 668.412–668.419 Specific operations

.412 Molding and casting

.413 Extrusion

.414 Laminating

.415 Welding

.416 Reinforcing

.419 Tests, analyses, quality control

► 668.42–668.45 Specific kinds

.42 Polymerization plastics

.422 Thermosetting

.422 2 Phenolics

.422 3 Ureas

668.422 4 Melamines
.422 5 Polyesters
.422 6 Epoxies
.422 7 Silicones
.423 Thermoplastic
.423 2 Acrylics (Polyacrylics)
.423 3 Styrenes (Polystyrenes)
.423 4 Polyethylene
.423 5 Polyamides (Nylons)
.423 6 Vinyls (Polyvinyls)
.423 7 Vinylidene chlorides
.423 8 Polyfluoro hydrocarbons

.43 Protein plastics
Derived form casein, and proteins of corn, soybeans

.44 Cellulosics

.45 Plastics from natural resins
Shellac and lignin-derived plastics
For protein plastics, see 668.43

[.47] Natural gums and resins
Class in 668.372

.49 Products
Class plastic fibers and fabrics in 677.46–677.47

.5 Perfumes and cosmetics
.54 Perfumes
.542 Natural
Floral oils and waters

.544 Synthetic

.55 Cosmetics

668.6 Agricultural chemicals and related products

► 668.62–668.63 Fertilizers
Processing and manufacture

.62 Manufactured
Divide like 631.83–631.85, e.g., superphosphates 668.625
Class manufactured soil conditioners [*formerly* 668.62] in 668.64

.63 Organic
Divide like 631.86–631.87, e.g., processing farmyard manures 668.636 1

.64 Soil conditioners
Manufactured [*formerly* 668.62] and organic

.65 Pesticides
.651 Insecticides and rodenticides
Fumigants, contact and stomach poisons

.652 Fungicides
.654 Herbicides (Weed killers)

[.7] Cyclic chemicals
Class in 661.8

669 Metallurgy

Scope: comprehensive works on metals
Use 669.001–669.009 for standard subdivisions
For a specific aspect of metals, see the subject, e.g., metal manufactures 671

► 669.01–669.09 Standard subdivisions of extractive metallurgy

.01 Philosophy and theory
.02 Miscellany
.028 Techniques, apparatus, equipment
.028 2 Pyrometallurgy
Extraction by smelting, roasting or furnace methods

669.028 3 Hydrometallurgy
Extraction by leaching methods

.028 4 Electrometallurgy
Deposition, zone melting, vacuum metallurgy

.03 Dictionaries, encyclopedias, concordances

.04 Materials
Scrap metals [*formerly* **671.9**] and prepared ores
Class furnace materials in **669.8**

.05–.09 Other standard subdivisions

SUMMARY

669.1	**Ferrous metals**
.2	**Precious and radioactive metals**
.3	**Copper**
.4	**Lead**
.5	**Zinc and cadmium**
.6	**Tin**
.7	**Other metals**
.8	**Metallurgical furnaces**
.9	**Physical and chemical metallurgy**

► **669.1–669.7 Extractive metallurgy of specific metals and their alloys**

.1 Ferrous metals

.14 Reduction and refining of ferrous ores

.141 Production of commercial iron alloys

.141 3 Blast furnace practice
Production of pig iron and crude cast iron

.141 4 Puddling furnace practice
Production of wrought iron

.141 9 Other iron alloy practices
Including production of iron powder and sponge iron

669.142 Production of commercial steel and alloy steels

.142 2 Open-hearth furnace practice (Siemens process)

.142 3 Bessemer converter practice
Production of Bessemer steel, ingot iron, duplex-process steel

.142 4 Electric furnace practice
Production in arc and induction furnaces

.142 9 Other practices
Including production of crucible steel

► **669.2–669.7 Nonferrous metals**
Class comprehensive works in **669.7**

.2 Precious and rare-earth metals

► 669.22–669.24 Precious metals

.22 Gold

.23 Silver

.24 Platinum

.29 Rare-earth metals
Divide like **546.4**, e.g., radium **669.293 1**

.3 Copper
Brass, bronze, Muntz metal, gun metal, copper-aluminum alloys, copper-beryllium alloys; aluminum bronze

.4 Lead

.5 Zinc and cadmium

.6 Tin

.7 Other

.71 Mercury

.72 Light metals

.722 Aluminum

.723 Magnesium

.724 Beryllium

669.725 Alkali and alkaline earth metals

Sodium, potassium, lithium, strontium, calcium, barium

For magnesium, see 669.723; *beryllium,* 669.724; *radium,* 669.29

.73 Ferro-alloying metals

.732 Titanium, vanadium, manganese

.733 Nickel and cobalt

.734 Chromium, molybdenum, tungsten

.735 Zirconium and tantalum

.75 Antimony, arsenic, bismuth

.79 Minor metals

Niobium, hafnium, germanium, gallium, indium, tellurium, thallium

.8 Metallurgical furnaces

Operation, maintenance, supplies

Class metallurgical furnaces used in a specific operation with the operation

.81 Fuels

.82 Refractory materials

.83 Firing and heat control

.84 Slags and fluxes

.9 Physical and chemical metallurgy

.92 Assay practices

.94 Physical metallurgy

For metallography, see 669.95

.95 Metallography

.950 28 Techniques, apparatus, equipment

.950 282 Microscopical metallography

Optical and electron metallography

.950 283 X-ray metallography

.951–.957 Of specific metals

Divide like 669.1–669.7, e.g., aluminum 669.957 22

► 670–680 Manufactures

670 Products based on processible materials

For chemical technology and related industries, see 660

671 Metal manufactures

Fabrication of metals and manufacture of primary products

Class specific metals in 672–673

SUMMARY

671.2 Foundry practice (Hot-working operations)
.3 Mechanical working and forming
.5 Joining and cutting
.7 Finishing and surface treatment
.8 Primary products

.2 Foundry practice (Hot-working operations)

.22 Foundry equipment

.23 Patternmaking and moldmaking

.24 Melting practice

.25 Molding and casting practice

Sand, die, centrifugal, other methods

.3 Mechanical working and forming

Scope: cold-working operations

.32 Rolling

.33 Forging, pressing, stamping

.34 Extruding and drawing

.35 Machining and grinding

.36 Heat treatment and hardening

Annealing, tempering, age-hardening

.37 Powder metallurgical processes (Powder metallurgy)

.5 Joining and cutting

.52 Welding

.521 Electric

.521 2 Arc

671.521 3 Resistance
Spot, seam, projection, flash welding

.521 5 Induction
.522 Gas
.529 Other methods
Forge, thermit, flow welding

.53 Flame and arc cutting
.56 Soldering and brazing
.59 Other methods of joining
Including riveting

.7 Finishing and surface treatment
.72 Buffing and polishing
.73 Coating
.732 Electroplating
.733 Hot-metal dipping
.734 Metal spraying
.735 Vapor plating (Vacuum deposition)
Vacuum metalizing, vapor-phase deposition

.739 Other finishing processes
Including chemical treatment, oxidation finishing processes

.8 Primary products
.82 By rolling (Sheet products)
.821 Patternmaking
.83 By forging, pressing, stamping
Including tubes, pipes

.84 By extruding and drawing
Wires, cordage, cables

.87 By powder metallurgy
[.9] Scrap metals
Class in 669.04

► 672–673 Specific metals manufactures

Fabrication of specific metals and manufacture of primary products

672 Ferrous metals

Steel, iron and steel alloys

Divide like 671, e.g., castings 672.25

673 Nonferrous metals

Divide each subdivision identified by * like 671, e.g., welding aluminum 673.722 52

.2 Precious and rare-earth metals

► 673.22–673.24 Precious metals

.22 *Gold
.23 *Silver
.24 *Platinum
.29 Rare-earth metals
Divide like 546.4, e.g., radium 673.293 1

.3 *Copper
Brass, bronze, Muntz metal, gun metal, copper-aluminum alloys, copper-beryllium alloys, aluminum bronze

.4 *Lead
.5 Zinc and cadmium
.6 *Tin
.7 Other metals
.71 *Mercury
.72 Light metals
.722 *Aluminum
.723 *Magnesium
.724 *Beryllium

* Divide as instructed under 673

673.725 Alkali and alkaline earth metals

Sodium, potassium, lithium, strontium, calcium, barium

For magnesium, see **673.723**; *beryllium,* **673.724**; *radium,* **673.29**

.73 Ferro-alloying metals

Divide like **669.73**, e.g., cobalt **673.733**

.75 Antimony, arsenic, bismuth

.79 Minor metals

Niobium, hafnium, germanium, gallium, indium, tellurium, thallium

674 Lumber, cork, wood-using industries

Use **674.001–674.009** for standard subdivisions

.01–.09 Standard subdivisions of lumber industry

Class specifications in **674.5**

SUMMARY

674.1–.5 Lumber

674.1	**Structure, properties, types**
.2	**Sawmill operations**
.3	**Storage and seasoning**
.4	**Remanufacture**
.5	**Grading**
.8	**Wood-using industries**
.9	**Cork and cork products**

► **674.1–674.5 Lumber**

.1 Structure, properties, types

.12 Structure

Gross and microscopic

.13 Properties and their tests

.132 Physical

.134 Chemical

Including properties of wood extractives

674.14 Specific types

Class structure, properties and their tests in **674.12–674.13**

.142 Hardwood

Wood of broad-leaved, deciduous trees, e.g., oak, maple, cherry, chestnut, elm, basswood

.144 Softwood

Wood of coniferous trees, e.g., pine, spruce, fir, hemlock, cypress, cedar

.2 **Sawmill operations**

Conversion of logs into lumber

[.202 8] Techniques, apparatus, equipment

Do not use; class in **674.22**

.22 Techniques, apparatus, equipment

.28 Products

Rough lumber products and dimension stock (cut stock)

For wood waste and residues, see **674.84**

.282 Round timbers

Poles, piles, posts

For mine timbers, see **674.283**

.283 Mine timbers

.284 Railroad ties

.285 Fireplace wood

.286 Shooks (Cooperage and box lumber)

.287 Shingles and shakes

.3 **Storage and seasoning**

.32 Storage in lumberyards

.38 Seasoning

.382 By air

.384 In kiln

.386 By chemical treatment

674.4 **Remanufacture**

For wood waste and residues, see **674.84**

.42 Planing mill techniques, equipment, products

Production of surfaced lumber from rough lumber

.43 Woodworking techniques, equipment, products

Production of pattern lumber, e.g., shiplap, sidings, tongue-and-groove products

.5 **Grading**

Including inspection and specifications

.8 **Wood-using industries**

Production of primary products from manufactured and remanufactured lumber

For furniture, see **684.1**; *wood pulp,* **676.12**

.82 Containers (Cooperage)

Crates, boxes, barrels, casks

.83 Veneers and composite woods

.833 Veneers

Face, commercial, container veneers

.834 Plywood

Wood panels consisting of an odd number of veneer sheets glued together with the grains of the layers at right angles to one another

.835 Wood laminates (Specialty plywoods, sandwich panels)

Wood panels consisting of an even number of veneer sheets bonded together under high pressure and heat with the grains of the layers parallel to one another

.84 Wood waste and residues

Excelsior, wood flour, sawdust, wood shavings, other mill residues

674.88 Minor products

Wood-cased lead pencils, toothpicks, spools, woodenware, picture frames

.9 **Cork and cork products**

675 Leather and fur industries

Preliminary, tanning, dressing, finishing operations

.2 **Leather**

► 675.22–675.25 Specific operations

.22 Preliminary

Salting, fleshing, unhairing (liming), bating, washing hides and skins

.23 Tanning

.24 Dressing

Fat liquoring (lubricating), stuffing, toggling, pasting

.25 Finishing

Dyeing, boarding, embossing, buffing (suede leather), glazing, moldproofing, production of patent leather

.29 Properties and their tests

.3 **Fur**

676 Pulp and paper industries

Materials, machinery, manufacturing processes, properties, tests, recovery of waste products

.1 **Pulp**

► 676.12–676.14 Specific pulps

For purified pulp, see **676.4**

.12 Wood

► 676.122–676.127 Specific processes

.122 Mechanical (Ground wood)

676.124 Soda
.125 Sulfite
.126 Sulfate (Kraft)
.127 Semichemical
.13 Rag
.14 Other
Pulps from straw, jute, hemp, bamboo, cornstalks, bagasse, waste paper
Including Pomilio process, nitric acid pulping
.17 Properties, tests, quality controls
.18 Products other than paper
.182 Molded products
.183 Pulpboards
Wallboards, chip boards, fiberboards

► **676.2–676.5 Pulp products**

.2 Paper and paperboard

► 676.22–676.27 General principles

Class general principles applied to specific types of paper and paperboard in **676.28**

.22 Production by hand
.23 Manufacture with machines
Raw materials, processes, equipment
.232 Basic processes

► 676.234–676.235 Finishing processes

.234 Calendering, coloring, creping
.235 Coating
.27 Properties, tests, quality controls
.28 Specific types
.280 27 Watermarks [*formerly* 676.29]

► 676.282–676.287 Paper

For roofing and building papers, see **676.289**

676.282 Graphic arts
For paper for school tablets, see **676.286**
.282 3 Stationery
Including onionskin paper
.282 4 Book
For coated papers, see **676.283**
.282 5 Drawing and art
.282 6 Currency
Papers for printing money, bonds, securities
.283 Coated
.284 Specialty
.284 2 Tissue
For onionskin paper, see **676.282 3**
.284 4 Blotting and saturating
.284 5 Parchment and vulcanized
.284 8 Wallpaper
.286 Newsprint and other unsized papers
Papers for newspapers, school tablets, scratch pads, handbills
.287 Wrapping and bag paper
Kraft wrapping, "brown wrapper," butcher paper, Manila paper, bogus wrapping
.288 Paperboard
Pasteboard, Bristol board, cardboard, food board
.289 Roofing and building papers
[.29] Watermarks
Class in **676.280 27**

676.3 **Converted paper products**

Conversion of paper and paperboard into final products

.32 Boxes and cartons

Folding boxes, corrugated and solid paperboard boxes

For food board containers, see 676.34

.33 Bags

.34 Food board containers

Paper plates and cups, food cartons

.4 **Purified pulp**

Production of alpha cellulose from wood pulp and cotton linters

[.44] Cellulose derivatives

Class in 661.802

.5 **By-products**

Recovery of lignin, tall oil, turpentine, resins, fatty acids

.7 **Papers from man-made and noncellulosic fibers**

677 **Textiles**

Production of fibers, and manufacture of fabrics and cordage

.001–.009 Standard subdivisions

Class techniques, apparatus, equipment in 677.028

.02 General principles

.022 Designs (Working patterns)

.028 Techniques, apparatus, equipment

.028 2 Operations

.028 21 Carding and combing

.028 22 Spinning, twisting, reeling

.028 24 Weaving

.028 25 Basic finishing

Shearing, singeing, beetling, mercerizing, tentering, calendering, pressing, creping

677.028 3 Raw materials

.028 5 Power equipment

.028 52 Spinning machines

.028 54 Looms and loom equipment

.028 55 Basic finishing machines

.028 6 Products

For tests and quality controls of products, see 677.028 7

.028 62 Yarns and threads

.028 64 Fabrics

.028 7 Tests and quality controls of products

SUMMARY

677.1 **Of bast fibers**
.2 **Of seed-hair fibers**
.3 **Of animal fibers**
.4 **Of man-made fibers**
.5 **Other textiles of specific fibers**
.6 **Special-process fabrics regardless of composition**
.7 **Cordage, trimmings and allied products**

► **677.1–677.4 Basic-weave textiles of specific composition**

Divide each subdivision identified by * like 677.028, e.g., linen fabrics 677.116 4

Class fancy-weave textiles regardless of composition in 677.61, mineral textiles in 677.51–677.53

.1 **Of bast fibers**

.11 *Flax

.12 Hemp

.13 Jute

.15 Ramie

.18 Coir

.2 **Of seed-hair fibers**

.21 *Cotton

.23 Kapok

* Divide as instructed under 677.1–677.4

677.3 **Of animal fibers**

.31 *Sheep wool

► 677.32–677.35 Specialty fibers

.32 Llama, alpaca, vicuña, guanaco wools

.33 Goat hair

.34 Camel hair

.35 Rabbit hair

.36 Waste and reused wool and hair

.39 Silk [*formerly* 677.4] and other animal fibers

Use **677.390 01 – 677.390 09** for standard subdivisions

.390 1–.390 9 Standard subdivisions of silk

► 677.391–677.394 Silk

.391 *Cultivated

.392 Wild (Tussah)

.394 Waste and reused

.399 Other

.4 **Of man-made fibers**

Class silk [*formerly* 677.4] in 677.39

.46 Cellulosics (Rayons and acetates)

Use **677.460 01 – 677.460 09** for standard subdivisions

For textiles of paper fibers, see **677.57**

.460 1–.460 9 Standard subdivisions of rayons

► 677.461–677.463 True rayons

.461 Nitrocellulose (Chardonnet-process)

.462 Cuprammonium

.463 Viscose

.464 Cellulose acetates

* Divide as instructed under **677.1–677.4**

677.47 Noncellulosics

For glass textiles, see **677.52**

.472 Protein textiles (Azlons)

Derived from casein, and proteins of corn, soybeans

.473 Polyamides (Nylons)

.474 Other polymerization textiles

.474 2 Acrylics (Polyacrylics)

.474 3 Polyesters

.474 4 Vinyls (Polyvinyls)

Nytrils, sarans, vinyons

.474 5 Olefins

Polyethylene and polypropylene

.474 8 Polyfluoro hydrocarbons

Tetrafluoroethylene textiles

.5 **Other textiles of specific fibers**

► 677.51–677.53 Mineral textiles

.51 Asbestos

.52 Glass

.53 Metal

.54 Of unaltered vegetable fibers

Weaving, braiding, matting of raffia, rush, cane, bamboo, rattan

.55 Of elastic fibers

.57 Of paper fibers

677.6 **Special-process fabrics regardless of composition**

SUMMARY

677.61	Fancy-weave fabrics
.62	Woven felts
.63	Nonwoven felts
.64	Tapestries, carpets, rugs
.65	Openwork fabrics
.66	Chain-stitch and knotted fabrics
.68	Functional finishes of fabrics
.69	Bonded and laminated fabrics

.61 Fancy-weave fabrics

For openwork fabrics, see 677.65; *tapestries, rugs, carpets,* 677.64

.615 In dobby weave

Bird's-eye, sharkskin, huckaback, figured madras

.616 In Jacquard weave

Damask, brocade, brocatelle, lamé, upholstery fabrics

.617 In pile weave

Velvet, velveteen, velour, plush, chenille, corduroy, frieze, terry cloth

.62 Woven felts

.624 Flannel and swanskin yard goods

.626 Blankets, lap robes, coverlets

.63 Nonwoven felts

.632 Yard goods and carpets

.635 Hats

.64 Tapestries, carpets, rugs

Reversible and nonreversible

.642 Tapestry yard goods

.643 Carpets and rugs

For nonwoven felt carpets, see 677.632

677.65 Openwork fabrics

For chain-stitch and knotted fabrics, see 677.66

.652 In leno weave

Marquisettes and grenadines

.653 Laces

Bobbin, needle, machine laces

.654 Tulles

.66 Chain-stitch and knotted fabrics

.661 Knitted

.662 Crocheted

.663 Tatted

.664 Netted

.68 Functional finishes of fabrics

.681 Crease- and wrinkle-resistant

.682 Waterproof and water-repellent

.688 Shrinkage-controlled

.689 Flameproof and flame-resistant

.69 Bonded and laminated fabrics

.7 **Cordage, trimmings and allied products**

.71 Ropes, twines, strings

For passementerie, see 677.76

.76 Passementerie

Decorative cords, braids, lacings, ribbons, gimps, tinsel, tapes, bias bindings, upholstery trimmings

.77 Machine embroidery

Swivel (dotted Swiss), clip spot, lappet, Schiffli embroidery

For laces, see 677.653

678 Elastomers and elastomer products

SUMMARY

678.2–.4 Rubber

.2 Materials and techniques
.3 Products
.4 Properties
.5 Latexes
.6 Natural elastomers
.7 Synthetic elastomers

► **678.2–678.4 Rubber**

Comprehensive works on natural and synthetic rubber

Class natural rubber in **678.6**, synthetic rubber in **678.7**

.2 Techniques, apparatus, equipment

Class manufacturing specific products in **678.3**

.21 Raw and auxiliary materials

For reclaimed rubber, see **678.29**

► 678.22–678.27 Specific operations

.22 Mastication

Mixing, milling, plasticizing crude rubbers

.23 Compounding

Including use of compounding ingredients, e.g., solvents, antioxidants, accelerators, pigments

.24 Vulcanization

.27 Other

Including molding, extruding, calendering

.29 Reclaimed rubber

Collecting, sorting, classifying, devulcanizing

678.3 Products

For textiles of elastic fibers, see **677.55**

.32 Tires

.33 Overshoes

.34 Articles molded and vulcanized in presses

Soles, heels, hot-water bottles, bathing caps, tiles, doorstops, hollow ware, other products

.35 Extruded articles

Rubber bands, inner tubes, tubing, windshield wipers, gaskets, weatherstripping, other products

.36 Articles made by dipping, spreading, electrodeposition

Conveyor and driving belts, hose, sheeting, other products

.4 Properties

.5 Latexes

Comprehensive works on natural and synthetic latexes

For natural latexes, see **678.61**; *synthetic latexes,* **678.71**

[.502 8] Techniques, apparatus, equipment

Do not use; class in **678.52**

.52 Techniques, apparatus, equipment

.521 Raw and auxiliary materials

► 678.522–678.527 Specific operations

.522 Preliminary treatment

Preservation, concentration, creaming, centrifuging, preparation of latex biscuits

.524 Vulcanization

.527 Other

Including molding, coating, casting, dipping, spreading, electrodepositing

678.53 Products

.532 Foam articles

.533 Articles made by dipping and casting

Balloons, surgeons' gloves, feeding bottle nipples, pen sacs, cast toys and models, other products

.538 Other

Extruded, spread, sprayed, electrodeposited articles

.54 Properties

.6 Natural elastomers

.61 Latexes

► 678.62–678.64 Crude rubber

.62 Techniques, apparatus, equipment

Production of crepe and fumed sheet rubber by latex coagulation and processing coagulum

.63 Products

.64 Properties

.68 Chemical derivatives

Cyclo and halogenated rubbers, rubber hydrochloride, other derivatives

.7 Synthetic elastomers

.71 Latexes

.72 Synthetic rubber and derivatives

Butadiene-styrene rubbers (GR-S), chloroprene rubbers (GR-M), acrylonitrile rubbers (GR-A), isobutylene rubbers (GR-I), polyurethane, cis-polydienes

► 678.722–678.724 Synthetic rubber

.722 Techniques, apparatus, equipment

.723 Products

.724 Properties

.728 Chemical derivatives

.73 High-styrene resins (Elastoplastics)

679 Other products

.4 Of keratinous and dentinal materials

.43 Ivory products

.47 Feather products

.6 Of fibers and bristles

Brooms, brushes, mops, other products

.7 Of tobacco

.72 Cigars

.73 Cigarettes

.9 Of waste materials

Class products manufactured from a specific waste material with the subject

680 Handcrafted, assembled, final products

Class final paper and paperboard products in 676.3, rubber products in 678.3, other products based on processible materials in 679

681 Precision mechanisms and related machines

SUMMARY

681.1 Wheel mechanisms and related devices
.2 Scientific measuring instruments
.4 Optical devices
.6 Printing and duplicating machines and equipment
.7 Other special-purpose machinery
.8 Musical instruments

.1 Wheel mechanisms and related devices

Assembly methods, testing, maintenance, repairs

.11 Timepieces (Horology)

.111 Ancient and primitive instruments

Sundials, water clocks (clepsydras), hourglasses

.112 Constituent parts (Clockwork)

Gears, escapements, bearings, regulating devices

.113 Clocks

For pneumatic clocks, see 681.115; *electric clocks,* 681.116; *constituent parts,* 681.112

.114 Watches

For stopwatches, see 681.118; *constituent parts,* 681.112

.115 Pneumatic clocks

.116 Electric clocks

.118 Chronographs and chronoscopes

Stopwatches, metronomes, tachometers, time clocks, time-and-date recorders

.12 Industrial gages and flowmeters

Class a specific instrument with the subject

681.13 Cameras and accessories

.14 Calculating, counting, sorting machines and instruments

Class electronic computers [*formerly* 681.14] in 621.381 95

.2 Scientific measuring instruments

For optical devices, see 681.4

.4 Optical devices

.41 Specific instruments

For component parts, see 681.42–681.43

.411 Spectacles

.412 Telescopes, opera and field glasses

.413 Microscopes

Divide like 578.1, e.g., electron microscopes 681.413 5

.414 Spectroscopes

Divide like 535.84, e.g., chromatic spectroscopes 681.414 3

.415 Photometers

.416 Polarimeters

► 681.42–681.43 Component parts

.42 Lenses

.43 Frames and other housings

► 681.6–681.7 Special-purpose machinery

.6 Printing and duplicating machines and equipment

.61 Stenographic and composing machines, typewriters

.62 Printing presses

.7 Other special-purpose machinery

.8 Musical instruments

.81 Conventional

Divide like 786.2–789.6, e.g., pipe organs 681.816 6

Class hand construction in 786–789

► 681.82–681.83 Mechanical instruments and devices

681.82 Barrel organs and music boxes

Including hand organs, street organs, street pianos

.83 Reproducing and player pianos and orchestrion

[.84] Sound recording and reproducing systems

Class in **621.389 3**

682 Small forge work (Blacksmithing)

.1 Horseshoeing

.4 Hand-forged tools and ironwork

683 Hardware

.3 Locksmithing

.31 Bolts and latches

.32 Locks and keys

.34 Safes and strongboxes

.4 Gunsmithing

Use **683.400 1 – 683.400 9** for standard subdivisions

► 683.401–683.403 General principles of small firearms

.401 Design

.402 Manufacture

.403 Maintenance and repair

.42 Hunting guns

.43 Pistols and revolvers

.8 Household appliances

.82 Kitchen utensils

Cutlery, pots, pans, pails, related items

.83 Electrical wares

Equipment not requiring special installation, e.g., electrical toasters, waffle irons, flatirons, mixers, vacuum cleaners

683.88 Heavy equipment

Equipment requiring special installation, e.g., stoves, ranges, water heaters, washing machines, dryers, dishwashers, garbage disposal units

For refrigerators and freezers, see **621.57**; *heating, ventilating, air conditioning equipment,* **697**

684 Furnishings and wheeled supports

Use **684.000 1 – 684.000 9** for standard subdivisions

.001–.009 Standard subdivisions of furnishings

► 684.08–684.09 Home (Amateur) workshops [*formerly* 684.8]

.08 Woodworking

.082 With hand tools

.083 With power tools

.088 Projects

.09 Metalworking

.1 Furniture

Use **684.100 1 – 684.100 9** for standard subdivisions

► 684.104–684.106 General principles

.104 Wooden furniture

.104 2 Basic construction

.104 3 Surface finishing

.104 4 Maintenance and repair

.104 42 Body restoration

.104 43 Surface refinishing

.105 Metallic furniture

In aluminum, cast and wrought iron

.106 Furniture in other materials

In rattan, plastics, composition materials, tiles

► 684.12–684.16 Specific pieces for home and office

For garden, patio, porch furniture, see **684.18**

684.12 Upholstered furniture

Sofas, couches, upholstered chairs

.13 Chairs and tables

For upholstered chairs, see **684.12**

.14 Desks

.15 Beds

Frames, springs, mattresses

.16 Cabinets and built-in furniture [*both formerly* 684.2]

Chests, dressers, bookcases, china and linen cabinets, file cabinets, shelving

.18 Garden, patio, porch furniture

[.2] Cabinets and built-in furniture

Class in **684.16**

.3 Fabric furnishings

Draperies, hangings, slipcovers, curtains

For carpets and rugs, see **677.643**

.7 Carriages, wagons, carts, wheelbarrows

For motor land vehicles, see **629.2**

[.8] Home workshops

Class in **684.08–684.09**

685 Leather goods and their substitutes

.1 Saddlery and harness making

.2 Leather and fur clothing

Scope: accessories

For footwear, see **685.3**, *gloves and mittens,* **685.4**

.22 Leather

Jackets, skirts, trousers, aprons, belts

685.24 Fur

Coats, jackets, stoles, neckpieces, muffs, hats

.3 Footwear

For overshoes, see **678.33**

.31 Boots and shoes

Use **685.310 01 – 685.310 09** for standard subdivisions

For wooden shoes and clogs, see **685.32**; *special shoes for the disabled,* **685.38**

► 685.310 2 – 685.310 4 General principles of cobbling

.310 2 Design

.310 3 Construction

.310 4 Maintenance and repair

.32 Wooden shoes and clogs

.36 For specific activities

.361 Ice skates

.362 Roller skates

.363 Snowshoes

.364 Skis

.367 Stilts [*formerly* 685.37]

[.37] Stilts

Class in **685.367**

.38 For the disabled

Special shoes, crutches, artificial legs

.4 Gloves and mittens

.41 Gloves and gauntlets

For gloves for specific activities, see **685.43**

.43 For specific activities

Boxing gloves, catchers' mitts, armored gauntlets

.47 Mittens

For mittens for specific activities, see **685.43**

685.5 **Travel and camping equipment**

.51 Luggage

Trunks, suitcases, valises, handbags, purses, brief cases

.53 Camping gear

Tents, camp beds, campstools, sleeping bags

686

687 Clothing

For leather and fur clothing, see 685.2

.1 **Outer garments**

Use 687.100 1 – 687.100 9 for standard subdivisions

.101 Design and drafting

.102 Patternmaking and grading

.103 Cutting

.104 Tailoring

.105 Dressmaking

► 687.11–687.13 Outer house garments

Dresses, suits, coats, trousers, shirts, blouses, skirts

Class outdoor garments in 687.14, sportswear in 687.16 [*both formerly* 687.11–687.13]

For uniforms and symbolic garments, see 687.15

.11 For men

.12 For women

.13 For children

.14 Outdoor garments [*formerly* 687.11–687.13]

Overcoats, topcoats, raincoats, stoles, cloaks

Divide like 687.11–687.13, e.g., outdoor garments for men 687.141

For sweaters, see 687.38

.15 Uniforms and symbolic garments

Civil and military uniforms, ceremonial and academic robes, ecclesiastical vestments

687.16 Garments for special purposes

Lounging garments, sleepwear [*both formerly* 687.2], sportswear [*formerly* 687.11–687.13]

For uniforms and symbolic garments, see 687.15

.19 Accessories

Neckties, collars, cuffs, belts, aprons, handkerchiefs

.2 **Underwear**

Class lounging garments, sleepwear [*both formerly* 687.2] in 687.16

.21–.23 For specific kinds of persons

Divide like 687.11–687.13, e.g., underwear for women 687.22

For supporting garments, see 687.25

.25 Supporting garments

Foundation garments, brassieres, surgical corsets and belts

.3 **Knitwear**

For underwear, see 687.2

.32 Hosiery

.38 Sweaters

.4 **Headgear**

Divide like 687.11–687.13, e.g., women's headgear 687.42

For nonwoven felt hats, see 677.635

.8 **Items auxiliary to clothing construction (Notions)**

Buttons, hooks and eyes, snaps, slide fasteners, needles, pins, thread, padding, shields

688 Other final products

.1 **Models**

Class engineering models in 620

.2 **Costume jewelry**

Mass-produced costume ornaments from inferior metals, ornamental stones, other common materials

688.4 **Smokers' supplies**

Pipes, hookahs, cigarette holders and cases, tobacco pouches, lighters, ash trays

.5 **Accessories for personal grooming**

Razors, razor blades, electric shavers, combs, nail-care tools, tweezers

For brushes, see 679.6; *cosmetics,* 668.55

.7 **Recreational equipment**

For leather goods and their substitutes, see 685

.72 Toys

.722 Dolls, puppets, marionettes

.723 Doll houses and furniture

.724 Padded toys other than dolls

.728 Mechanical and electrical toys

► 688.74–688.79 Equipment for games and sports

.74 For games of skill

Divide like 794, e.g., chessmen 688.741

.75 For games of chance

Divide like 795, e.g., playing cards 688.754

.76 For outdoor sports and games

Divide like 796, e.g., tennis rackets 688.763 42

For motor land vehicles, see 629.2; *equipment for fishing,* 688.79

.79 For fishing

Fishing rods, creels, fishhooks, flies

689

690 Buildings

Planning, structural analysis and design, construction methods, maintenance, repairs of habitable structures and their interior accessories

Class creative design and construction in 721

.01 Philosophy and theory

.02 Miscellany

Class specifications in 692.3

.03–.09 Other standard subdivisions

.1 **Details**

Divide like 721, e.g., foundations 690.11

For roofs, see 624.9

.5–.8 **Specific types of habitable structures**

Divide like 725–728, e.g., ranch houses 690.864

Class forts and fortresses in 623.1, trailers in 629.226

691 Materials

Selection, preservation, construction properties

.1 **Timber**

.12 Prevention of decay

Spraying, painting, impregnating with fungicides

.14 Prevention of termite damage

.15 Treatment for fire resistance

Impregnation with monomagnesium, monoammonium, diammonium phosphates

.2 **Natural stones**

Granite, limestone, marble, sandstone, slate, serpentine, soapstone

---

► 691.3–691.4 **Artificial stones**

.3 **Concretes**

.4 **Ceramic and clay materials**

Brick, tile, terra cotta, sun-dried blocks

691.5 **Masonry adhesives**

.6 **Glass**

.7 **Ferrous metals**

.8 **Other metals**

Divide like 669.2–669.7, e.g., aluminum 691.872 2

.9 **Other**

.92 Plastics and their laminates and compounds

.95 Insulating materials

Rock wool, corkboard, asbestos, kapok, diatomaceous earth

.96 Bituminous materials

Asphalt, synthetic and rock asphalts, tar

.97 Prefabricated materials

.99 Adhesives and sealants

For plastics and their laminates and compounds, see 691.92; *masonry adhesives,* 691.5

692 Construction practices

► 692.1–692.2 Architect's drawings

Interpretation and use of sketches for construction purposes

Class creation of plans and detail drawings [*formerly* 692.1–692.2] in 720.223

.1 **Plans**

Rough sketches, working drawings, blueprints

.2 **Detail drawings**

Large-scale drawings of trims, moldings, other details

.3 **Construction specifications**

.5 **Estimates of materials and time**

.8 **Contracting**

Provision of construction materials in accordance with specifications

Class fees and commissions [*formerly* 692.8] in 331.2

[692.9] **Building laws and codes**

Class laws in 340, local government regulation in 352.922

693 Systems of construction

For materials, see 691

► 693.1–693.3 Solid block masonry

.1 **Stone**

.2 **Stabilized earth**

.21 Brick

.22 Sun-dried block

Adobe, pisé, cob, tapia, tabby

.3 **Tile and terra cotta**

.4 **Hollow block masonry**

Concrete block, cinder block, hollow tile, hollow brick

.5 **Solid concrete construction**

.52 Without reinforcement

.521 Poured

.522 Precast

Class precast ferroconcrete [*formerly* 693.522] in 693.544

.54 With reinforcement (Ferroconcrete construction)

.541 Poured

.542 Prestressed

.544 Precast [*formerly* 693.522]

.6 **Plaster-, stucco-, lathwork**

Internal and external application

.7 **Metal construction**

Divide like 669.1–669.7, e.g., steel construction 693.71

.8 **Resistant construction**

.82 Fireproof construction

693.83 Insulated construction
.832 Thermal
.834 Acoustical (Soundproofing)
.84 Pest-resistant construction
.842 Termite-resistant
.844 Rodent-resistant
.85 Shock-resistant construction
.852 Earthquake-resistant
.854 Blast-resistant
.89 Other
.892 Waterproof construction
.893 Moistureproof construction
Constructional control of condensation in buildings
.898 Lightning-resistant construction
.9 Construction in other materials
For wood construction, see **694**
.91 Ice and snow
.92 Sandwich panels
.96 Glass
.97 Prefabricated materials

694 Wood construction (Structural woodworking)

Use **694.001–694.009** for standard subdivisions

.01–.09 Standard subdivisions of carpentry
.1 Planning, structural analysis and design

► **694.2–694.6 Carpentry**
For roofs, see **624.9**

.2 Rough carpentry (Framing)
.22 Sidings, partition frames, walls

694.23 Posts and beams
Including sills and joists
.26 Floors
.27 Ceilings
.28 Use of scaffolds, ladders, material hoists
.29 Openings
.6 Finish carpentry (Joinery)
Construction of details
.61 Doors and doorways
.62 Windows and their structural elements
.63 Blinds and shutters
.64 Balconies, porches, verandas
.67 Built-in cases and shelves (Fine joinery) [*formerly* 694.7]
.68 Stairs [*formerly* 694.8], ramps, balustrades, rails
.69 Trims
Moldings, paneling, inlays
[.7] Built-in cases and shelves (Fine joinery)
Class in **694.67**
[.8] Stairs
Class in **694.68**

695 Roofing, auxiliary structures, and their materials

► **695.1–695.7 Roofing and roofing materials**
Covering, maintaining, repairing roofs
For thatch roofing, see **695.92**
.1 Wood
Shingles and shakes
.2 Slate
.3 Concretes and tile

695.4 **Metals**

For ferrous metals, see **695.5**

.43 Copper

.44 Lead

.46 Tin

.47 Aluminum

.5 **Ferrous metals**

.6 **Composition**

Asbestos-composition, prepared roll, mineral-surfaced asphalt roofing

.7 **Textiles**

Felt, duck, canvas roofing

.9 **Other aspects**

.92 Thatch roofing

.96 Auxiliary structures

Installation, maintenance, repairs of gutters, flashings, other weatherings

---

► **696–697 Utilities**

For household electrification, see **621.394**

696 **Plumbing, pipe fitting, heating, ventilating**

Use **696.000 1 – 696.000 9** for standard subdivisions

Class heating and ventilating in **697**

.001–.009 Standard subdivisions of plumbing

.01–.09 Standard subdivisions of pipe fitting

696.1 **Sanitary plumbing**

Design, installation, maintenance, repairs of water pipes and their fixtures

For hot-water pipes, see **696.6**

► 696.12–696.13 Input and output

For plumbing in specific parts of buildings, see **696.18**

.12 Water-supply plumbing

Pipes bringing clean water into buildings

.13 Water drainage plumbing (House drainage)

Pipes removing contaminated water, sewage, other wastes from buildings

.18 In specific parts of buildings

.182 Lavatories and bathrooms

.183 Laundries

.184 Kitchens

Including installation of garbage disposal units and dishwashers

---

► **696.2–696.6 Pipe fitting**

Design, installation, maintenance, repairs of pipes and their fixtures

For sanitary plumbing, see **696.1**

.2 **Gas pipes (Gas fitting)**

.3 **Steam pipes (Steam fitting)**

.6 **Hot-water pipes**

Including installation of water heaters and water-softening equipment

.8 **Other plumbing operations**

Including thawing of frozen water pipes in buildings

[.9] **Plumbing laws and codes**

Class laws in **340**, local government regulation in **352.926**

697 Heating, ventilating, air conditioning engineering

Principles, systems, equipment, installation, maintenance, repairs

Use **697.000 1 – 697.000 9** for standard subdivisions

.001–.009 Standard subdivisions of heating

► 697.02–697.07 Specific aspects of heating in general

.02 Local heating

.03 Central heating [*formerly* 697.3]

.04 Fuels

.07 Equipment

Radiators [*formerly* **697.507 8**], boilers, furnaces

► **697.1–697.2 Local heating**

Class comprehensive works in **697.02**

For chimneys and flues, see **697.8**

.1 With open fires (Radiative heating)

Including fireplaces, braziers

.2 With space heaters (Convective heating)

.22 Stationary stoves

.24 Portable heaters

► **697.3–697.7 Central heating**

For chimneys and flues, see **697.8**

.3 Warm-air heating

Class comprehensive works on central heating [*formerly* **697.3**] in **697.03**

.32 Systems

.322 Gravity circulation

.323 Accelerated circulation

.324 Heat-pump heating

697.4 Hot-water heating

.5 Steam heating

Use **697.500 1 – 697.500 9** for standard subdivisions

.507 Equipment

.507 3 Furnaces

.507 4 Boilers

.507 8 Radiators

Class comprehensive works on radiators [*formerly* **697.507 8**] in **697.07**

.51 Systems

.52 Heating single buildings

.54 District heating

Heating a group of buildings from a central station

.7 Other methods

.72 Radiant panel heating

Hot-air, hot-water, steam, and electric radiant panel heating

.78 Solar heating

.79 Nuclear heating

.8 Chimneys and flues

.9 Ventilation and air conditioning

.92 Ventilation

For chimneys and flues, see **697.8**

.93 Air conditioning

.931 General principles

Class general principles applied to specific types of buildings in **697.935–697.938**

.931 2 Design principles

.931 5 Psychrometrics

Determination and control of enclosed atmospheric environment for optimum comfort

697.931 6 Industrial applications

Determination and control of enclosed atmospheric environment for effective manufacturing operations

.932 Parts and details

.932 2 Temperature controls

Refrigerating and heating equipment, e.g., cooling and heating coils, thermostats

.932 3 Humidity controls

Humidifiers, dehumidifiers, humidistats

.932 4 Quality controls

Filters and other devices for removing dust, pollen, other particulates

.932 5 Movement and distribution controls

Blowers, air return and air supply equipment

► 697.933–697.934 Systems

Class systems in specific types of buildings in **697.935–697.938**, parts and details in **697.932**

.933 Central-station

.933 2 Winter systems

.933 3 Summer systems

.933 4 Year-round systems

.934 Other

.934 2 Unitary systems

.934 4 Combination systems

.935–.938 In specific types of buildings

Divide like **725–728**, e.g., air conditioning in hotels **697.938 5**

For parts and details, see **697.932**

698 Detail finishing

Application and installation of decorative and protective coatings and coverings

.1 **Painting**

.102 8 Techniques, apparatus, equipment

.102 82 Equipment

Brushes, rollers, paints, diluents

.102 83 Paint mixing

.102 88 Application methods

.12 Exteriors

.124 House painting

.128 Sign painting

.14 Interiors

For painting woodwork, see **698.35**

.142 Walls

.146 Floors

.147 Ceilings

.2 **Calcimining and whitewashing**

.3 **Finishing woodwork**

.32 By staining

Including graining and marbling

.33 By polishing with wax and oil

.34 By varnishing and lackering

.35 By painting

Including use of enamel paints

.5 **Glazing and leading windows**

.6 **Paperhanging**

.9 **Floor coverings**

Measuring, cutting, laying linoleum, tiles, carpeting

699

700

700 The arts

Description and critical appraisal, materials and techniques of the fine, decorative, graphic, performing, recreational arts

Use **700.1–700.9** for standard subdivisions

For literature, see **800**

► **701–709 Standard subdivisions of fine arts**

701 Philosophy and theory

.1 Nature and character

.15 Psychology

Including fine arts as products of creative imagination

.17 Esthetics

.18 Criticism and appreciation

Theory and technique, history

Class works of critical appraisal in **709**

.184 Thru use of audio-visual aids

Class audio-visual treatment of art in **702.08**

.8 Techniques

Composition, color, decoration, perspective, use of models

Class research methodology in **701.9**

For description, critical appraisal of artists, see **709**

.9 Research methodology

Divide like standard subdivision **018**, e.g., statistical method **701.92**

Class psychological aspects in **701.15**

702 Miscellany

.3 Art as a profession [*formerly* 706.9], occupation, hobby

.7 Inventions and ownership marks

.78 Hallmarks

.8 Apparatus, equipment, materials

Class techniques in **701.8**

703 Dictionaries, encyclopedias, concordances

704 Persons occupied with art, collections and anthologies, iconography

► 704.01–704.89 Persons occupied with art [*formerly* 706.9]

Class development, description, critical appraisal, collections of works, biographical treatment of artists in **709**

For art dealers, see **706.5**

.01–.05 Bibliographers, librarians, encyclopedists, publishers, journalists

Divide like **920.1–920.5**, e.g., librarians as artists **704.02**

.07 Women and children

.072 Women

.073 Children

.09–.89 Other persons

Divide like **920.9–928.9**, e.g., patrons of art **704.36**

.9 Collections, anthologies, iconography

.94 Iconography

Development, description, critical appraisal, collections of works

For artists, see **709**

SUMMARY

704.942	Human figures and their parts
.943	Natural scenes and objects
.944	Architectural subjects
.945	Devices, patterns, ornamentation
.946	Symbolism and allegory
.947	Mythology and legend
.948	Religion and religious symbolism
.949	Other specific subjects

704.942 Human figures and their parts

Not provided for in **704.946–704.948**

Scope: portraits

► 704.942 1 – 704.942 2 According to attire

For specific kinds of persons, see **704.942 3 – 704.942 5**; *groups of figures,* **704.942 6**

.942 1 Nude

.942 2 Draped

► 704.942 3 – 704.942 5 Specific kinds of persons

.942 3 Men

.942 4 Women

.942 5 Children

.942 6 Groups of figures

For specific kinds of persons, see **704.942 3 – 704.942 5**

.943 Natural scenes and still life

Not provided for in **704.946–704.948**

.943 2 Animal life

.943 4 Plant life

.943 5 Still life

.943 6 Landscapes

.943 7 Marine scenes

.944 Architectural subjects

.945 Abstractions

704.946 Symbolism and allegory

For religious symbolism in art, see **704.948**

.947 Mythology and legend

.948 Religion and religious symbolism

For mythology, see **704.947**

.948 2 Christianity

For specific Christian subjects, see **704.948 4 – 704.948 7**

► 704.948 4 – 704.948 7 Specific Christian subjects

.948 4 Biblical characters and events

For Trinity, Madonna, Holy Family, see **704.948 5**; *apostles, saints, angels,* **704.948 6**; *devils,* **704.948 7**

.948 5 Trinity, Madonna, Holy Family

.948 52 Trinity

.948 55 Madonna and child

.948 56 Holy Family

.948 6 Apostles, saints, angels

.948 7 Devils

.948 9 Other religions

Divide like **294–299**, e.g., Buddhism in art **704.948 943**

Class Old Testament characters and events in **704.948 4**

.949 Other specific subjects

Divide like **001–999**, e.g., industrial subjects **704.949 6**

705 Serial publications

706 Organizations

.5 Business

Including art dealers [*formerly* **706.9**]

[.9] Persons

Class persons occupied with art in **704.01–704.89**, art as a profession in **702.3**, art dealers in **706.5**

707 Study and teaching

.4 Temporary and traveling exhibits

Class museums and permanent exhibits in **708**

708 Galleries, museums, private collections

Use **708.001–708.008** for standard subdivisions

Class collections and anthologies of writings in **704.9**, temporary and traveling exhibits in **707.4**

Class collections of antiques [*formerly* **708**] in **745.1**

.009 Historical and geographical treatment

Class treatment by continent, country, locality in **708.1–708.9**

.01–.07 Museum economy

Divide like **069.1–069.7**, e.g., exhibit techniques in art museums **708.053**

► **708.1–708.9 Treatment by continent, country, locality**

Scope: guidebooks, catalogs of specific galleries, museums, private collections

Divide geographically as below; but, if it is desired to give local emphasis and a shorter number to galleries, museums, private collections of a specific country, place them first by use of a letter or other symbol, e.g., galleries, museums, private collections in Japan **708.J** (preceding **708.1**)

.1 In North America

Class galleries, museums, private collections in Middle America in **708.972**

.11 Canada

Divide like area notation **71**, e.g., galleries, museums, private collections in British Columbia **708.111**

.13–.19 United States

Divide like area notations **73–79**, e.g., galleries, museums, private collections in Pennsylvania **708.148**

708.2–.8 In Europe

Divide like area notations **42–48**, e.g., galleries, museums, private collections in Wales [*formerly* **708.9**] **708.29**

Class galleries, museums, private collections in countries not provided for in area notations **42–48** in **708.94**

.9 In other countries

Add area notations **3–9** to **708.9**

Class galleries, museums, private collections in Wales [*formerly* **708.9**] in **708.29**

709 Historical and geographical treatment

Development, description, critical appraisal, collections of works, biographical treatment of artists

---

► 709.01–709.04 Periods of development

.01 Primitive peoples and ancient times

.011 Primitive peoples

Including geographical treatment [*formerly* **709.3–709.9**]

.012–.015 Ancient times

Divide like standard subdivisions **090 12 – 090 15**, e.g., art of the second millennium B.C. **709.013**

.02 500–1500

.021–.023 500–1400

Divide like standard subdivisions **090 21 – 090 23**, e.g., art of 14th century **709.023**

.024 1400–1500 [*formerly* 709.03]

.03–.04 1500–

Divide like standard subdivisions **090 3 – 090 4**, e.g., art of 20th century **709.04**

Class art of 1400–1500 [*formerly* **709.03**] in **709.024**

.3–.9 Geographical treatment

Class geographical treatment of art of primitive peoples [*formerly* **709.3–709.9**] in **709.011**

710 Civic and landscape art

711 Area planning (Civic art)

Design of physical environment for public welfare, convenience, pleasure

For landscape design, see 712

.028 Apparatus and equipment

Class techniques in 711.12

.06 Organizations

.061 Government planning departments and commissions [*formerly* 711.17]

SUMMARY

711.1 Administrative aspects

.2–.4 Plans and planning for areas of specific levels

.2 International and national
.3 Interstate, state, provincial, county
.4 Local community (City planning)
.5 Specific kind of areas
.6 Structural elements
.7 Transpoortation facilities
.8 Other utilities

.1 Administrative aspects

Class administrative aspects of planning for areas of specific levels in 711.2–711.4, of planning of specific elements in 711.5–711.8

.12 Professional practice and technical procedures

Collection of data, preparation and presentation of plans and models

.13 Social factors

.14 Economic factors

[.17] Laws, regulations, administration

Class laws and regulations in 340, government planning departments and commissions in 711.061

► 711.2–711.4 Plans and planning for areas of specific levels

For specific elements, see 711.5–711.8

711.2 International and national

.3 Interstate, state, provincial, county

For metropolitan areas, see 711.43

.4 Local community (City planning)

.409 Historical and geographical treatment

Scope: specific cities

► 711.41–711.45 Specific types of plans

Class plans and planning for specific cities in 711.409

.41 Based on street patterns

Gridiron, radial, studied irregularity plans

.42 Based on topography and climate

.43 Based on size

Villages, small and large cities, metropolitan areas

.45 Based on function

Cities serving primarily as governmental, industrial, transportation, religious, educational, residential, resort centers

► 711.5–711.8 Plans and planning of specific elements

.5 Specific kinds of areas

[.51] Zoning laws and regulations

Class in 340

.55 Functional

For religious centers, see 711.56; *cultural and educational areas,* 711.57; *residential areas,* 711.58

.551 Civic, administrative, governmental

.552 Commercial, transportation, industrial

711.554 Agricultural
.555 Medical center
.556 Prison and reformatory
.557 Hotel, restaurant, trailer park
.558 Recreational

Parks, playgrounds, bathing beaches, athletic fields, theater districts

.56 Religious center
.57 Cultural and educational

For libraries, museums, colleges and universities, other schools

.58 Residential

Urban, suburban, rural areas, apartment house districts

For housing renewal, see 711.59

.59 Redevelopment of slums and blighted areas

Including housing renewal

.6 Structural elements

Adaptation to site

Class adaptation of structural elements to specific kinds of areas in 711.5, to utilities in 711.7–711.8

► **711.7–711.8 Utilities**

.7 Transportation facilities
.73 Motor
.74 Pedestrian
.75 Railroad
.76 Marine
.78 Air

.8 Other utilities

Water, gas, electricity transmission and supply; communication lines, sanitation, flood control

712 Landscape design (Landscape architecture)

For specific elements in landscape design, see 714–717

.028 Apparatus and equipment

Class techniques in 712.3

► **712.2–712.3 General considerations**

Class general considerations of design of specific kinds of land tracts in 712.5–712.7

.2 Principles

Esthetics, style, effect, composition

.3 Professional practice and technical procedures

Collection of data, preparation and presentation of plans and models, supervision of operations

► **712.5–712.7 Specific kinds of land tracts**

For design of trafficways, see 713; *of cemeteries,* 718

.5 Public parks and grounds

Commons, fairgrounds, amusement parks, zoological and botanical gardens, grounds of public buildings

.6 Private parks and grounds

Front and back yards, home gardens, penthouse gardens, estates

.7 Semiprivate and institutional grounds

Grounds of country clubs, golf clubs, hotels, hospitals, churches, colleges and universities, industrial plants

713 Landscape design of trafficways

► **714–717 Specific elements in landscape design**

714 Water features

Natural and artificial pools, fountains, cascades

715 Woody plants

Nonflowering and flowering

.1 **Topiary work**

.2 **Trees**

.3 **Shrubs**

.4 **Vines**

716 Herbaceous plants

Nonflowering and flowering

Class here comprehensive works on herbaceous and woody flowering plants

For woody flowering plants, see 715

717 Structures

Relationship of buildings, terraces, fences, gates, steps, ornamental accessories to other elements of landscape design

718 Landscape design of cemeteries

.8 **National memorial cemeteries**

719 Natural landscapes

.3 **Reserved lands**

.32 Public parks and natural monuments

.33 Forest and water-supply reserves

.36 Wildlife reserves

720 Architecture

.223 Plans and detail drawings [*both formerly also* 692.1–692.2]

.9 **Historical and geographical treatment**

[.901–.904] Periods of development

Do not use; class in **722–724**

[.93] In the ancient world

Do not use; class in **722**

721 Architectural construction

Comprehensive works on design and construction of structural elements

For design of structural elements, see **729.3**; *building construction,* **690**; *specific types of structures,* **725–728**

.1 **Foundations**

.2 **Walls**

Footings, colonnades, entablatures, partitions, bearing and retaining walls

For columnar constructions, see **721.3**; *curved constructions,* **721.4**

.3 **Columnar constructions**

Piers, abutments, colonnettes, columns, posts, pedestals, pilasters

For colonnades and entablatures, see **721.2**; *doors and windows,* **721.8**

.4 **Curved constructions and details**

For doors and windows, see **721.8**

.41 Arches

For groined arches, see **721.44**

.43 Vaults

For specific types of vaults, see **721.44–721.45**

► 721.44–721.45 Specific types of vaults

721.44 Groined vaults and arches

.45 Other types of vaults

Tunnel, expanding, rib and fan vaults

.46 Domes

For cupolated roofs, see 721.5

.48 Niches

.5 Roofs and roof structures

Dormers, roof cornices, skylights, cupolated roofs, towers, spires, pinnacles, gable roofs, pediments, chimneys

.6 Floors

.7 Ceilings

.8 Other elements

Doors, doorways, windows, balconies, stairs, ramps, balustrades, porches, blinds, fastenings

► **722–724 Periods of development**

Chronological development of architectural styles

Class development of specific types of structures in 725–728

For architectural construction, see 721; *design and decoration of structures,* 729

722 Ancient period to ca. 300

► 722.1–722.5 Oriental architecture

.1 Chinese and Japanese

.2 Egyptian

.3 Semitic

.31 Phoenician

Architecture of Tyre, Sidon, Beirut, Byblos

.32 Colonial Phoenician

Architecture of ancient Carthage, Utica, Cadiz, Cyprus

.33 Jewish

722.4 **South and southeast Asian**

Architecture of ancient India, Tibet, Burma, Siam, Cambodia, Java

.5 Near Eastern

For ancient Semitic architecture, see 722.3; *ancient Egyptian architecture,* 722.2

.51 Mesopotamian

.52 Persian

.6 Classical architecture

For Roman architecture, see 722.7; *Greek (Hellenic) architecture,* 722.8

.61 Aegean, Minoan, Mycenaean

.62 Etruscan

.7 Roman architecture

.8 Greek (Hellenic) architecture

.9 Other ancient architectures

.91 American

Architecture of Pueblo, Aztec, Toltec, Maya, Inca Indians

723 Medieval period, ca. 300–1400

Not limited geographically

.1 Early Christian architecture

.2 Byzantine architecture

.3 Saracenic architecture

Moslem, Moorish, Mudejar

.4 Romanesque and Norman architectures

.5 Gothic architecture

724 Modern period, 1400–

Not limited geographically

.1 Renaissance architecture, 1400–1800

Including Elizabethan, Jacobean, Queen Anne, Georgian, colonial styles

.19 Baroque, rococo, Churrigueresque

724.2 Classical revival architecture
.22 Roman
.23 Greek
.3 Gothic revival architecture
.5 Renaissance revival and neoclassical architecture
.7 Swiss timber and half-timber architecture
.8 Romanesque revival architecture
.9 20th century architecture

► 725–728 Specific types of structures

Comprehensive works on design and construction

Scope: specific structures

For building construction, see 690

725 Public structures

Not used primarily for religious, educational, research, residential purposes

SUMMARY

725.1 Government buildings
.2 Commercial buildings
.3 Transportation and storage buildings
.4 Industrial buildings
.5 Health and welfare buildings
.6 Prison and reformatory buildings
.7 Refreshment and park structures
.8 Recreation buildings
.9 Other public structures

.1 Government buildings
.11 Legislative
.12 Executive department
.13 County and city
.14 Customs
.15 Court, record, archive
.16 Post office
.17 Official residence

Palaces of rulers, executive mansions; embassy, legation, consulate buildings

725.18 Military and police

Barracks, forts, armory and arsenal buildings

.19 Fire station

.2 Commercial buildings
.21 Retail trade (Stores and shops)
23 Office

Including medical office buildings and clinics, radio and television buildings and towers

.24 Financial institution
.25 Exchange

Stock and commodity exchange, board of trade, chamber of commerce buildings

.3 Transportation and storage buildings
.31 Railroad passenger station
.32 Railroad freight station
.33 Railroad accessory

Roundhouses, shops, tool storage, guard and signal buildings

.34 Marine transportation

Harbor, dock, pier buildings

.35 Warehouse
.36 Storage elevator
.38 Motor vehicle transportation

Bus terminal, public garage, filling station buildings

.39 Air transportation

Hangars, terminal and shop buildings

.4 Industrial buildings

Factories, mills, shipyards

725.5 **Health and welfare buildings**

For medical office buildings and clinics, see **725.23**

.51 General hospital and sanitarium

For children's hospital buildings, see **725.57**

.52 Psychiatric hospital

.53 Buildings of institutions for persons with mental handicaps

.54 Buildings of institutions for persons with physical handicaps

.55 Buildings of institutions for the indigent

.56 Buildings of institutions for the aged

.57 Child welfare institution and hospital buildings

.59 Other health and welfare institution buildings

.592 Veterinary hospital and shelter

.594 Homes for veterans

.597 Morgues and crematories [*both formerly* 726.8]

.6 **Prison and reformatory buildings**

.7 **Refreshment and park structures**

.71 Restaurant buildings

.72 Taproom buildings

.73 Bathhouse buildings

.74 Swimming pools

.76 Amusement park and casino buildings

.8 **Recreation buildings**

For refreshment and park structures, see **725.7**

.81 Music and concert

For opera buildings, see **725.822**

.82 Buildings for shows and spectacles

.822 Theater and opera

.827 Buildings for outdoor performances and sports

Stadiums, amphitheaters, grandstands

For racetrack buildings, see **725.89**

725.83 Auditorium buildings

.84 Buildings for indoor games

Boys' club, bowling alley buildings; halls for pool, card games, chess, checkers

For gymnasium buildings, see **725.85**

.85 Gymnasium and athletic club buildings

.86 Rink and dance hall buildings

.87 Boathouses

Canoe club, yacht club, recreation pier buildings

.88 Riding club buildings

.89 Racetrack buildings

.9 **Other public structures**

.91 Exhibition buildings

.94 Memorial buildings

.96 Arches, gateways, walls

.97 Towers

Bell, clock, observatory towers

.98 Bridges, tunnels, moats

.99 Vehicles

726 Buildings for religious purposes

.1 **Temples and shrines**

Divide like **292–299**, e.g., Buddhist temples and shrines **726.143**

For mosques and minarets, see **726.2**; *synagogues and Judaistic temples,* **726.3**; *Christian church buildings,* **726.5**

.2 **Mosques and minarets**

.3 **Synagogues and Judaistic temples**

.4 **Accessory houses of worship**

Parish houses, chapels, Sunday school buildings, baptistries of all religions

For mortuary chapels, see **726.8**

726.5 **Christian church buildings**

For cathedral church buildings, see **726.6**

.58 Specific denominations

Divide like **281–289**, e.g., Protestant Episcopal Church buildings **726.583**

Class geographical treatment of buildings of specific denominations in **726.509 3 – 726.509 9**

.59 Details

.591 Entrances and approaches

.592 Naves and transepts

.593 Chancels, sanctuaries, choir lofts, pulpit platforms

.594 Clerestories

.595 Side chapels

.596 Sacristies and baptistries

.597 Towers and steeples

.6 **Cathedral church buildings**

Class details of cathedral church buildings in **726.59**

► 726.62–726.65 Specific denominations

Class geographical treatment of buildings of specific denominations in **726.609 3 – 726.609 9**

.62 Oriental

For Eastern Orthodox, see **726.63**

.63 Eastern Orthodox

.64 Roman Catholic

.65 Anglican

.69 Accessory structures

Cathedral cloisters, chapter houses

726.7 **Monastic buildings**

Abbeys, priories, friaries, convents, monasteries of all religions

.77 Of specific Christian orders

Divide like **271.1–271.9**, e.g., Franciscan monasteries **726.773**

Class geographical treatment of buildings of specific orders in **726.709 3 – 726.709 9**

.779 9 Of orders of other religions

Divide like **292–299**, e.g., Buddhist monasteries **726.779 943**

.79 Accessory structures

Refectories, cloisters, cells

.8 **Mortuary chapels and tombs**

Class morgues, crematories [*both formerly* **726.8**] in **725.597**

.9 **Other buildings for religious purposes**

Parsonages, episcopal palaces, missions, buildings of religious associations

727 Buildings for educational and research purposes

.1 **Elementary school**

.2 **Secondary school**

.3 **College and university**

.38 Accessory structures

Dormitory, dining hall, music room buildings

.4 **Professional and technical school**

Use **727.400 01 – 727.400 09** for standard subdivisions

Divide like **001–999**, e.g., law school buildings **727.434**

.5 **Research**

Laboratory, botanical and zoological garden, observatory buildings

Use **727.500 01 – 727.500 09** for standard subdivisions

Divide like **001–999**, e.g., astronomical observatories **727.552**

727.6 **Museum**

Use 727.600 01 – 727.600 09 for standard subdivisions

Divide like 001–999, e.g., science museum buildings 727.65

For art museum buildings, see 727.7

.7 **Art museum and gallery**

.8 **Library [*formerly* 022.3]**

► 727.82–727.84 Specific kinds of libraries

Class geographical treatment in 727.809 3 – 727.809 9

.82 General libraries

Divide like 027, e.g., public library buildings 727.824

For branch libraries, see 727.84

.83 Libraries devoted to specific subjects

.84 Branch libraries

.9 **Other buildings for educational and research purposes**

Community center, learned society buildings

728 Residential buildings

Not used primarily for public, religious, educational, research purposes

For official residence buildings, see 725.17; *parsonages and episcopal palaces,* 726.9; *college dormitories,* 727.38

.1 **Temporary buildings**

Unit and multiple dwellings

.2 **Multiple dwellings**

Tenements, flats, apartments, apartment hotels

For temporary multiple dwellings, see 728.1; *row houses,* 728.31

728.3 **Houses of urban type**

.31 Row houses

.34 Duplex houses

Divided horizontally or vertically

.37 Separate houses of two or more stories

For large and elaborate dwellings, see 728.8

.4 **Club houses**

Country, city, fraternal clubs

.5 **Hotels and motels**

For apartment hotels, see 728.2

.6 **Dwellings of suburban and rural types**

For resort dwellings, see 728.7; *large and elaborate dwellings,* 728.8

.64 Separate houses of one story

Cottages, bungalows, ranch and split-level houses

For farmhouses, see 728.67

.67 Farmhouses

.69 Solar houses

.7 **Resort dwellings**

Vacation cabins, hunting lodges, houseboats, house trailers

.8 **Large and elaborate dwellings**

.81 Castles

.82 Palaces and chateaux

.83 Mansions and manor houses

.84 Villas

.9 **Accessory domestic structures**

Gatehouses, garages, conservatories, farm buildings

729 Design and decoration of structures and accessories

For specific types of structures, see 725–728; *interior decoration,* 747

SUMMARY

729.1 Design in vertical plane
.2 Design in horizontal plane (Plans and planning)
.3 Design and decoration of structural elements
.4–.8 Decoration in specific mediums
.4 In paint
.5 In relief
.6 In veneer and incrustation
.7 In mosaic
.8 In ornamental glass
.9 Built-in ecclesiastical furniture

► 729.1–729.3 Specific elements

For design and decoration of built-in ecclesiastical furniture, see 729.9; *decoration in specific mediums,* 729.4–729.8

.1 Design in vertical plane

Façades, elevations, sections

For design of structural elements, see 729.3

.11 Composition

.13 Proportion

.19 Inscriptions and lettering

.2 Design in horizontal plane (Plans and planning)

Consideration of function and size of areas

For design of structural elements, see 729.3

.23 Proportion

Including modular coordination

.24 Interior arrangement

.25 Lines of interior communication

.28 Lighting

.29 Acoustics

729.3 Design and decoration of structural elements

.31 Walls

Including paneling, entablatures, moldings

For pilasters, see 729.32

.32 Columnar structures

Columns, colonnades, pilasters

.326 Architectural orders

For entablatures, see 729.31

.33 Arches and arcades

.34 Vaults, domes, niches, ceilings

.35 Roofs and roof structures

Towers [*formerly* 729.36], spires, chimneys, gables, pediments

[.36] Towers

Class in 729.35

.37 Floors

.38 Doors and windows

.39 Stairs, ramps, balustrades

► 729.4–729.8 Decoration in specific mediums

.4 In paint

Decorative painting as an adjunct to architecture

.5 In relief

Carved and sculptured decoration and ornament, Gothic tracery, gargoyles

.6 In veneer and incrustation

Use of wood, stone, metal, enamel in architectural decoration

.7 In mosaic

.8 In ornamental glass

729.9 **Built-in ecclesiastical furniture**

.91 Sacramental furniture

Altars, baptismal fonts, confessionals

.92 Rostral furniture

Pulpits, lecterns, prayer desks

.93 Seats and canopies

Bishops' thrones, baldachins, choir stalls, pews

.96 Screens and railings

Rood screens, altar screens, altar and chancel railings

.97 Organ cases

.98 Lighting fixtures

730 Sculpture and the plastic arts

Use 730.01–730.09 for standard subdivisions

► **730.1–730.9 Standard subdivisions of sculpture**

.1 **Philosophy and theory**

.2 **Miscellany**

[.28] Techniques, apparatus, equipment

Do not use; class in 731.3–731.4

.3–.8 **Dictionaries, serial publications, organizations, study and teaching, collections**

.9 **Historical and geographical treatment**

Class geographical treatment of sculpture of primitive peoples [*formerly* 730.9] in 732.2

[.901–.904] Periods of development

Do not use; class in 732–735

.92 Sculptors

Regardless of process or representation

[.93] In the ancient world

Do not use; class in 732–733

► **731–735 Sculpture**

Fine art of producing figures and designs in relief or the round by fashioning in plastic and rigid materials

731 Processes and representations

Class individual sculptors in 730.92

SUMMARY

731.1	Composition and design
.2	Materials
.3	Equipment
.4	Techniques
.5	Styles and forms
.7	Sculpture in the round
.8	Iconography

► 731.1–731.4 Processes

731.1 **Composition**

.2 **Materials**
Metals, wood, stone, clay, wax, papier-mâché, finishing materials
For techniques, see 731.4

.3 **Equipment**
Tools, machines, accessories
For techniques, see 731.4

.4 **Techniques**
.42 Modeling
With and without armatures
.43 Molding
Preparation of molds from models
.45 Casting
.452 In plaster and cement
.453 In synthetic plastics
.456 In bronze
.457 In other metals
Including electrolytic casting
.46 Carving
.462 In wood
.463 In stone
.47 Firing and baking
Clay models for molding, ceramic sculpture
.48 Restoration

► 731.5–731.8 Representations
Development, description, critical appraisal, collections of works

731.5 **Styles and forms**
For sculpture in the round, see 731.7
.52 Styles
Idealistic, naturalistic, realistic, grotesque
.54 Sculpture in relief
For iconography, see 731.8
.542 Portals and doors
.549 Monumental reliefs
.55 Mobiles and stabiles
.7 **Sculpture in the round**
For iconography, see 731.8
.72 Decorative sculpture
.722 Garden sculpture and fountains
.724 Sculptured vases and urns
.74 Busts
.75 Masks
.76 Monuments
.8 **Iconography**
.81 Equestrian sculpture
.82–.89 Other specific subjects
Divide like 704.942–704.949, e.g., statues of Venus 731.87

► **732–735 Periods of development**

Chronological development of sculptural styles

► **732–733 Sculpture of primitive peoples and ancient world**

732 **Nonclassical**

.2 **Primitive**

Including geographical treatment [*formerly* 730.9]

.3 **Ancient Palestinian**

.4 **Ancient Indian**

.5 **Ancient Mesopotamian and Persian**

.6 **Ancient Germanic, Celtic, Slavic**

.7 **Ancient Chinese**

.8 **Ancient Egyptian**

.9 **Other ancient nonclassical**

Divide like area notation 39, e.g., Phoenician sculpture 732.944

733 **Classical**

Class sculpture of Greek Archipelago in 732.91

.3 **Greek (Hellenic)**

.4 **Etruscan**

.5 **Roman**

734 **Medieval period, ca. 500–1400**

Not limited geographically

.2 **Styles**

.22 Early Christian and Byzantine

.24 Romanesque

.25 Gothic

735 **Modern period, 1400–**

Not limited geographically

.2 **Specific periods**

.21 1400–1800

.22 19th century

Classical revival, romanticism, realism

.29 20th century

► **736–739 Other plastic arts**

Processes and products

For decorative and minor arts, see 745–749

736 **Carving and carvings**

Class sculptural carving and carvings in 731–735

.2 **Precious and semiprecious stones (Glyptics)**

.202 8 Lapidary work

Cutting, polishing, engraving gems

.22 Specific forms

Class scarabs in 736.209 32

For specific materials, see 736.23–736.28

.222 Cameos

.223 Intaglios

► 736.23–736.28 Specific materials

.23 Diamonds

.24 Jade

.25 Sapphires

.28 Obsidian

[.3] **Engraved seals, stamps, signets**

Class in 737.6

736.4 **Wood**
Whittling, scrollwork, chip carving, wood rasp carving, totem poles

.5 **Stone**
Lettering, inscriptions, designs

.6 **Ivory, bone, horn, shell, amber**
.68 Netsukes
.7 **Ornamental fans**
Class fans of a specific material with the material, e.g., ivory 736.6

.9 **Other materials**
.93 Wax
.94 Snow and ice
.95 Soap
.98 Paper cutting and folding [*formerly also* 793.9]

737 Numismatics

.2 **Medals, talismans, amulets**
.3 **Counters and tokens**
.4 **Coins**
.49 Of specific countries
Add area notations 3–9 to 737.49

.6 **Engraved seals, stamps, signets** [*all formerly* 736.3]

738 Ceramic arts

Class ceramic sculpture in 731–735
For glass, see 748

.027 8 Potters' marks [*formerly* 738.88]

► **738.1–738.3 Pottery**

.1 **Processes**
.12 Materials
Kaolin, petuntse, other clays, glazes, color materials
For techniques, see 738.14

738.13 Equipment
Potter's wheels, kilns, accessories
For techniques, see 738.14

.14 Techniques
.142 Modeling and casting
.143 Firing
Before and after glazing

.144 Glazing
.15 Other decorative treatments
Underglaze and overglaze painting, slip tracing, sgrafitto decoration, transfer painting

► **738.2–738.3 Specific types**
Development, description, critical appraisal, collections of works

.2 **Porcelain (China)**
.27 Specific varieties
Arrange alphabetically by name
.28 Specific products
Vases, tableware
For specific varieties, see 738.27

.3 **Earthenware and stoneware**
.37 Specific varieties
Arrange alphabetically by name

.38 Specific products
For specific varieties, see 738.37

.382 Vases
.383 Other containers

.4 **Enameling and enamels**
Cloisonné, champlevé, basse-taille, surface-painted enamels
For a specific application of enameling, see the subject, e.g., nielloing 739.15

738.5 **Mosaic ornaments and jewelry**

.6 **Ornamental bricks and tiles**

.8 **Other products**

Lighting fixtures, candlesticks, stoves, braziers, figurines

[.88] Potters' marks

Class in 738.027 8

739 Art metalwork

Decorative metallic forms other than sculpture

For numismatics, see 737

[.028] Techniques, apparatus, equipment

Do not use; class in 739.13–739.14

SUMMARY

739.1	Processes
.2	Work in precious metals
.3	Watch- and clockcases
.4	Ironwork
.5	Work in other metals
.7	Arms and armor

.1 **Processes**

For a specific kind of metalwork, see the subject, e.g., goldsmithing 739.22

.12 Materials

For techniques, see 739.14

.13 Equipment

Tools, machines, accessories

For techniques, see 739.14

.14 Techniques

Shaping metals by hammering and beating (repoussé work), stamping, forging, welding, rolling, drawing, casting

For decorative treatment, see 739.15

.15 Decorative treatment

Painting, chasing, nielloing, damascening, patinating

739.2 **Work in precious metals**

For watch- and clockcases, see 739.3

.202 78 Marks [*formerly* 739.21]

[.21] Marks

Class in 739.202 78

► 739.22–739.24 In specific metals

For jewelry, see 739.27

.22 Goldsmithing

.220 278 Marks [*formerly* 739.228 8]

[.220 9] Historical and geographical treatment

Do not use; class in 739.227

.222–.225 Processes

Divide like 739.12–739.15, e.g., equipment 739.223

.227 Historical and geographical treatment

Add area notations 1–9 to 739.227

.228 Specific products

Gold and gold plate

Class geographical treatment of specific products in 739.227

.228 2 Ecclesiastical articles

.228 3 Tableware

.228 4 Receptacles

Vases, boxes, loving cups

[.228 8] Marks

Class in 739.220 278

.23 Silversmithing

Divide like 739.22, e.g., silver tableware 739.238 3

.24 Platinumwork

739.27 Jewelry

For mosaic ornaments and jewelry, see 738.5

.272–.275 Processes

Divide like 739.12–739.15, e.g., techniques 739.274

For glyptics, see 736.2; *specific products,* 739.278

.278 Specific products

.3 Watch- and clockcases

[.309] Historical and geographical treatment

Do not use; class in 739.37

.32–.35 Processes

Divide like 739.12–739.15, e.g., equipment 739.33

.37 Historical and geographical treatment

Add area notations 1–9 to 739.37

► **739.4–739.5 Work in nonprecious metals**

For arms and armor, see 739.7

.4 Ironwork

Ornamental work in wrought iron, cast iron, stainless steel

[.409] Historical and geographical treatment

Do not use; class in 739.47

.42–.45 Processes

Divide like 739.12–739.15, e.g., equipment 739.43

.47 Historical and geographical treatment

Add area notations 1–9 to 739.47

.48 Specific products

Grills, balcony motifs, balustrades, knockers, ornamental nails

Class specific products in specific places in 739.47

739.5 Work in other metals

.51 Copper and its alloys

For brass, see 739.52

.511 Copper

.512 Bronze

.52 Brass

.53 Tin and its alloys

For bronze, see 739.512

.532 Tin

.533 Pewter

.54 Lead

.55 Zinc

For brass, see 739.52

.56 Nickel

.57 Aluminum

.58 Chromium

.7 Arms and armor

► 739.72–739.74 Offensive arms

.72 Side arms

Sabers, swords, daggers, lances, dirks, bayonets, spears

.73 Missile-hurling weapons

Bows, arrows, catapults, air guns, spring guns

For firearms, see 739.74

.74 Firearms

Divide like 623.42–623.44, e.g., pistols 739.744 3

.75 Defensive arms

Armor, cuirasses, shields, helmets

740 Drawing and decorative arts

Use 740.01–740.09 for standard subdivisions

.1–.9 **Standard subdivisions of drawing and drawings**

Class techniques in 741.4

► **741–744 Drawing and drawings**

741 Freehand drawing and drawings

Scope: calligraphy (elegant handwriting), artistic lettering

For freehand drawing and drawings by subject, see 743

[.028] Technique, apparatus, equipment

Do not use; class in 741.2–741.4

.09 Historical and geographical treatment

Class historical and geographical treatment of collections of drawings in 741.92–741.99

.092 Artists

Regardless of medium, process, purpose, subject

SUMMARY

741.2	Drawing in specific mediums
.4	Drawing processes
.5	Cartoons, caricatures, comics
.6	Illustration (Commercial art)
.7	Silhouettes
.9	Collections of drawings

.2 **Drawing in specific mediums**

Materials, equipment, processes

For drawing for specific purposes, see 741.5–741.7

.22 Charcoal

Including stump drawing

.23 Chalk and crayon

.235 Pastel

.24 Pencil

.25 Silverpoint

741.26 Ink with pen or brush

.29 Other mediums

Including scratchboard, airbrush drawing

.4 **Drawing processes**

Composition, techniques

For perspective, see 742; *drawing in specific mediums,* 741.2; *for specific purposes,* 741.5–741.7

► **741.5–741.7 Drawing and drawings for specific purposes**

Mediums and processes

.5 **Cartoons, caricatures, comics**

.58 Animated cartoons

.59 Collections

[.591] By cartoonist

Class in 741.593–741.599

.593–.599 Geographical treatment

Scope: individual cartoonists [*formerly* 741.591]

Add area notations 3–9 to 741.59

.6 **Illustration (Commercial art)**

.61 Principles

► 741.64–741.69 For specific mediums

.64 Books

Including book jackets

.642 Children's books

.65 Magazines and newspapers

.67 Advertisements and posters

.672 Fashion drawing

.68 Calendars, greeting and postal cards

.69 Other specific articles

Including match covers and labels

741.7 **Silhouettes**

.9 **Collections of drawings**

Regardless of medium or process

For collections of cartoons, caricatures, comics, see **741.59**

► 741.92–741.99 Historical and geographical treatment

Regardless of subject

.92 Historical periods

Not limited geographically

.921 Ancient to ca. 500 A.D.

.922 Medieval, ca. 500–1400

.923 1400–1800

.924 1800–

.93–.99 Geographical treatment

Add area notations **3–9** to **741.9**

742 Perspective

Theory, principles, methods

For techniques of drawing specific subjects, see **743.4–743.8**

743 Freehand drawing and drawings by subject

► **743.4–743.8 Techniques of drawing specific subjects**

.4 **Human figures**

Scope: anatomy for artists, portraits

For drawing draped figures, see **743.5**

► 743.43–743.45 Specific kinds of persons

For anatomic systems, see **743.46–743.47**; *parts of the body,* **743.49**

.43 Men

.44 Women

.45 Children

► 743.46–743.47 Anatomic systems

743.46 Bones (Skeletal system)

.47 Muscles (Muscular system)

.49 Parts of the body (Regional anatomy)

Head, thorax, abdomen, extremities

.5 **Draperies and draped figures**

For fashion drawing, see **741.672**

.6 **Animal life**

.62–.69 Specific animals

Divide like **592–599**, e.g., drawing birds **743.682**

.7 **Plant life**

Including trees, flowers, fruit

.8 **Other subjects**

Divide like **704.943–704.949**, e.g., landscapes **743.83**

.9 **Collections of drawings of specific subjects**

Not limited chronologically or geographically

Divide like **704.94**, e.g., collections of drawings of buildings **743.94**

Class collections of drawings limited historically or geographically in **741.9**

744 Technical drawing

.2 **Generalities**

Arrangement and organization of drafting rooms, preservation and storage of drawings, supplies, equipment

.4 **Drafting procedures and conventions**

.42 Types

.422 Engineering and mechanical

Divide like **620–690**, e.g., drafting electronic subjects **744.422 213 8**

.424 Architectural

744.428 Map

.429 Production illustration

Nontechnical graphic representations of mechanisms and assemblies to show component parts and their relationships

Including phantom views, exploded views

.43 Other conventions

Lettering, titling, dimensioning, shades, shadows

.45 Projections

Orthographic, isometric, spheric

For perspective, see 742

.5 Preparation and reading of copies

Blueprints, photostats

For blueprinting process, see 772.2; *production of photostats,* 778.12

► **745–749 Decorative and minor arts**

Processes and products not provided for in 736–739

Class comprehensive works in 745

745 Design and crafts

.001–.009 Standard subdivisions of decorative and minor arts

.01–.09 Standard subdivisions of design and crafts

SUMMARY

745.1	**Antiques**
.2	**Industrial art and design**
.4	**Pure and applied design and decoration**
.5	**Handicrafts**
.6	**Lettering, illumination, heraldic design**
.7	**Decorative coloring**
.8	**Composite representation**
.9	**Other decorative arts and crafts**

.1 Antiques

Including collections [*formerly* 708]

Class a specific form of antique with the subject

► **745.2–745.4 Design**

745.2 Industrial art and design

Creative design of mass-produced commodities

.4 Pure and applied design and decoration

For industrial design, see 745.2; *design in a specific art form, the form, e.g., design in architecture* 729

[.409] Historical and geographical treatment

Do not use; class in 745.44

.44 Historical and geographical treatment

► 745.441–745.444 Historical treatment

Periods of development not limited geographically

.441 Ancient period to ca. 500 A.D.

.442 Medieval period, ca. 500–1400

.443 Renaissance period, 1400–1800

.444 Modern period, 1800–

.449 Geographical treatment

Add area notations 1–9 to 745.449

► **745.5–745.9 Crafts**

Scope: folk art

.5 Handicrafts

Creative work done by hand with aid of simple tools or machines

---

► 745.51–745.57 In specific materials

For textile handicrafts, see 746

.51 Woods

Marquetry, inlay trim, ornamental woodwork

For ornamental woodwork in furniture, see 749.5

745.53 Leathers and furs
.531 Leathers
.537 Furs
.54 Papers
End papers, gift wrappings, wallpaper
.55 Shells
.56 Metals
.57 Rubber and plastics
.59 Making specific objects
Scope: handicrafts in composite materials
Including decorations for special occasions, artificial flowers, lampshades, candlesticks
.592 Toys
.592 2 Dolls and doll clothes
Including puppets and marionettes [*both formerly* 791.53]
.592 3 Doll houses and furniture
.592 4 Padded toys other than dolls

.6 Lettering, illumination, heraldic design
.61 Decorative lettering
.66 Heraldic design
.67 Illumination of manuscripts and books
Class development, description, critical appraisal of manuscripts in 091, of illustrated books in 096.1

.7 Decorative coloring
For printing, painting, dyeing textiles, see 746.6
.72 Painting and lackering
Japanning, tolecraft
.73 Stenciling
.74 Decalcomania

745.8 Panoramas, cycloramas, dioramas
.9 Other decorative arts and crafts
.92 Floral arts
Selection and arrangement of plant materials and appropriate accessories
Scope: flower arrangement [*formerly* 635.966 3 – 635.966 4]

▶ 745.922–745.926 Three-dimensional arrangements

▶ 745.922–745.925 Arrangements with specific materials
For arrangements for special occasions, see 745.926

.922 Flower arrangements in containers
.922 4 Occidental compositions
.922 5 Oriental compositions
.922 51 Chinese
.922 52 Japanese
.923 Flower arrangements without containers
Corsages, boutonnieres, set floral pieces
.924 Fruit and vegetable arrangements
.925 Arrangements with other plant materials
Driftwood, pods and cones, dried and gilded grasses and leaves
.926 Arrangements for special occasions
Flower and other floral arrangements for holidays, weddings, funerals, church services
.928 Two-dimensional arrangements
Use of seeds and other dried plant materials in pictures, hanging, trays, and for other decorative purposes

746 Textile handicrafts

.1 **Weaving**

For tapestry making, see 746.3; *rug- and carpetmaking,* 746.7

.2 **Making laces and related fabrics**

For knitting, crocheting, tatting, see 746.43

.22 Bobbin, darned, needlepoint laces

.27 Passementerie

Braids, cords, fringes

.3 **Tapestry making**

[.309] Historical and geographical treatment

Do not use; class in 746.39

.39 Historical and geographical treatment

Add area notations 1–9 to 746.39

.4 **Other textile crafts**

For rug- and carpetmaking, see 746.7

.41 Braiding, matting, basketry

Including raffiawork, rushwork

.43 Knitting, crocheting, tatting

.44 Embroidery

Smocking, appliqué, couching, cutwork, needlepoint, crewelwork, drawn work, hardanger

.445 Pictures and hangings

.46 Patchwork and quilting

.5 **Beadwork**

.6 **Printing, painting, dyeing**

Block and silk-screen printing, resist-dyeing, hand decoration, stenciling

746.7 **Rug- and carpetmaking**

[.709] Historical and geographical treatment

Do not use; class in 746.79

.72 By weaving without pile

Plain, twill, Jacquard, tapestry weaves

Including Navaho rugs

.73 By crocheting, knitting, braiding

.74 By hooking and embroidering

.75 By weaving with pile

► 746.751–746.759 Oriental rugs and carpets

.751–.758 From Asian countries

Add area notations 51–58 to 746.7

.759 From Caucasus region

.79 Historical and geographical treatment

Add area notations 1–9 to 746.79

.9 **Costume** [*formerly* 391]

747 Interior decoration

Design and decorative treatment of interior furnishings

For furniture and accessories, see 749

[.09] Historical and geographical treatment

Do not use; class in 747.2

.2 **Historical and geographical treatment**

► 747.201–747.204 Historical treatment

Periods of development not limited geographically

.201 Ancient period to ca. 500 A.D.

.202 Medieval period, ca. 500–1400

.203 Renaissance period, 1400–1800

.204 Modern period, 1800–

747.21–.29 Geographical treatment

Divide like **708.1–708.9**, e.g., interior decoration in Pennsylvania **747.214 8**

► **747.3–747.4 Decoration of specific elements**

For decoration of specific types of buildings, see **747.8**; *specific decorations,* **747.9**

.3 Ceilings, walls, doors, windows

Decorative hangings, painting, papering, paneling, woodwork

.4 Floors

.5 Draperies and upholstery

.7 Decoration of specific rooms of residential buildings

For specific decorations, see **747.9**

.73 Home libraries and studies

.75 Living rooms, drawing rooms, parlors

.76 Dining rooms

.77 Bedrooms and nurseries

.78 Bathrooms and powder rooms

.79 Other rooms

.791 Recreation and family rooms

.797 Kitchens

.8 Decoration of specific types of buildings

Divide like **725–728**, e.g., decoration of Christian church buildings **747.865**

For decoration of specific rooms of residential buildings, see **747.7**; *specific decorations,* **747.9**

.9 Specific decorations

For draperies and upholstery, see **747.5**

.92 Decorative lighting

.93 Decorations for specific occasions

Parties, weddings, holidays

748 Glass

.2 Glassware

Blown, prest, molded, cast, decorated products other than stained glass

For specific articles, see **748.8**; *methods of decoration,* **748.6**

[.209] Historical and geographical treatment

Do not use; class in **748.29**

.29 Historical and geographical treatment

.290 1–.290 4 Historical treatment

Divide like **747.201–747.204**, e.g., modern period **748.290 4**

.291–.299 Geographical treatment

Divide like **708.1–708.9**, e.g., glassware of Pennsylvania **748.291 48**

.5 Stained, painted, leaded, mosaic glass

[.509] Historical and geographical treatment

Do not use; class in **748.59**

.59 Historical and geographical treatment

.590 1–.590 4 Historical treatment

Divide like **747.201–747.204**, e.g., medieval period **748.590 2**

.591–.599 Geographical treatment

Divide like **708.1–708.9**, e.g., glass of England **748.592**

.6 Methods of decoration

Engraving, cutting, sand blasting, etching

For painted glass, see **748.5**

.8 Specific articles

Mirrors, paperweights, containers, ornaments

For lighting fixtures, see **749.63**

749 Furniture and accessories

For upholstery, see 747.5

[.09] Historical and geographical treatment

Do not use; class in 749.2

.2 Historical and geographical treatment

Scope: antiques and reproductions

.201–.204 Historical treatment

Divide like 747.201–747.204, e.g., Renaissance period 749.203

.21–.29 Geographical treatment

Divide like 708.1–708.9, e.g., French furniture 749.24

.3 Specific kinds of furniture

Chairs, tables, beds, chests, clockcases, screens

For heating and lighting fixtures, see 749.6

.4 Built-in furniture

For built-in ecclesiastical furniture, see 729.9; *heating and lighting fixtures,* 749.6

.5 Ornamental woodwork in furniture

.6 Heating and lighting fixtures

.62 Heating

Fireplaces, mantels, inglenooks

.63 Lighting

Chandeliers, lamps

For built-in ecclesiastical lighting fixtures, see 729.98

.7 Other accessories

Including picture frames, shadow boxes

750 Painting and paintings

For commercial art, see 741.6; *painting in a specific decorative art, the subject, e.g., painting porcelain* 738.15

[.28] Techniques, apparatus, equipment

Do not use; class in 751.3–751.4

[.9] Historical and geographical treatment

Do not use; class in 759

751 Processes and forms

Class individual painters in 759.1–759.9

751.2–751.6 Processes

▶ **.2 Materials**

Surfaces, pigments, mediums, fixatives, coatings

For techniques, see 751.4

.3 Equipment

Models, tools, accessories

For techniques, see 751.4

.4 Techniques

For pastel, see 741.235

.42 Water-soluble mediums

For tempera painting, see 751.43

.422 Water-color painting

Including gouache, casein painting

.425 Ink painting

Including Suiboku painting

.43 Tempera painting

.44 Fresco painting

.45 Oil painting

.46 Encaustic or wax painting

751.48 Mosaic painting

.49 Other methods

Including airbrush painting, finger painting, collage

.5 **Reproduction and copying**

For print making and prints, see 761–769

.58 Forgeries and alterations

Including expertizing, determination of authenticity

.6 **Care, preservation, restoration**

.7 **Specific forms**

For specific subjects, see 753–758

.72 Easel paintings

.73 Murals

.74 Panoramas, cycloramas, dioramas

.75 Scene paintings

Including theatrical scenery

.77 Miniatures

752 **Color theory and practice**

Including color symbolism

► **753–758 Specific subjects**

Class individual painters in 759.1–759.9

753 **Abstractions, symbolism, mythology**

Divide like 704.945–704.947, e.g., epic paintings 753.7

For religious symbolism, see 755

754 **Subjects of everyday life (Genre paintings)**

755 **Religion and religious symbolism**

Divide like 704.948, e.g., paintings of Holy Family 755.56

756 **Historical events**

Battles, coronations, disasters

757 **Human figures and their parts**

Not provided for in 753–756, 758

Scope: portraits

[.022 2] Collections of portraits

Do not use; class in 757.9

.2 **According to attire**

For specific kinds of persons, see 757.3–757.5; *groups of figures,* 757.6; *miniature portraits,* 757.7

.22 Nude

.24 Draped

► **757.3–757.5 Specific kinds of persons**

For miniature portraits, see 757.7

.3 **Men**

.4 **Women**

.5 **Children**

.6 **Groups of figures**

For specific kinds of persons, see 757.3–757.5; *miniature portraits,* 757.7

.7 **Miniature portraits**

.9 **Collections of portraits**

758 Other subjects

.1 **Landscapes**

.2 **Marine scenes**

.3 **Animal life**

Including hunting scenes

.4 **Still life**

.42 Flowers

.5 **Plant life**

.6 **Industrial and technical subjects**

.7 **Architectural subjects**

759 Historical and geographical treatment

► 759.01–759.06 Periods of development

Not limited geographically

.01 Primitive peoples and ancient times

.011 Primitive peoples

Including geographical treatment [*formerly* 759.1–759.9]

.02 Medieval period, ca. 500–1400

.03 1400–1600

.04 1600–1800

.05 1800–1900

.06 1900–

► **759.1–759.9 Geographical treatment**

Scope: individual painters regardless of process, form, subject

Divide geographically as below; but, if it is desired to give local emphasis and a shorter number to painting and paintings of a specific country, place them first by use of a letter or other symbol, e.g., Burmese painting and paintings 759.B (preceding 759.1)

Class geographical treatment of paintings of primitive peoples [*formerly* 759.1–759.9] in 759.011

759.1 **North America**

Class painting and paintings of Middle America in 759.972

.11 Canada

.13 United States

Class comprehensive works on painting and paintings of specific states in 759.14–759.19

.14–.19 Specific states of United States

Divide like area notations 74–79, e.g., painting and paintings of San Francisco 759.194 61

Class individual painters in 759.13, painting and paintings of Hawaii in 759.996 9

.2–.8 **Europe**

Divide like area notations 42–48, e.g., painting and paintings of Wales [*formerly* 759.9] 759.29

Class painting and paintings of countries not provided for in area notations 42–48 in 759.94

.9 **Other parts of world**

Add area notations 3–9 to 759.9

Class painting and paintings of Wales [*formerly* 759.9] in 759.29

760 Graphic arts

Use 760.01–760.09 for standard subdivisions

For drawing and drawings, see 741–744; *painting and paintings,* 750; *photography and photographs,* 770

► **760.1–760.9 Standard subdivisions of print making and prints**

.1 **Philosophy and theory**

.2 **Miscellany**

.277–.278 Marks of collectors and print makers [*formerly* 769.41]

.3–.8 **Dictionaries, serials, organizations, study and teaching, collections**

[.9] **Historical and geographical treatment**

Do not use; class in 769.9

► **761–769 Print making and prints**

► **761–767 Print making**

761 Relief processes (Block printing)

Printing from raised surfaces

.2 **Wood engraving**

.3 **Linoleum-block printing**

.8 **Metal engraving**

762

763 Lithographic (Planographic) processes

Printing from flat surfaces

For chromolithography, see 764

.2 **Surfaces**

.22 Stone

.23 Aluminum

.24 Zinc

764 Chromolithography and serigraphy

.8 **Serigraphy (Silk-screen printing)**

► **765–767 Intaglio processes**

Printing from incised surfaces

765 Metal engraving

Scope: comprehensive works on metal relief and metal intaglio processes

For metal relief engraving, see 761.8; *mezzotinting and aquatinting,* 766; *etching and drypoint,* 767

.2 **Line engraving**

.5 **Stipple engraving**

.6 **Criblé engraving**

766 Mezzotinting, aquatinting, related processes

.2 **Mezzotinting**

.3 **Aquatinting**

.7 **Composite processes**

Use of two or more processes in a single print

767 Etching and drypoint

.2 **Etching**

.3 **Drypoint**

768

769 **Prints**

Description, critical appraisal, collections regardless of process

[.09] Historical and geographical treatment

Do not use; class in **769.9**

.1 **Collecting, care, preservation**

Class collecting, care, preservation of specific forms in **769.5**

► **769.3–769.4 Specific kinds**

Not limited historically or geographically by print makers

Class individual print makers in **769.92**

.3 **By artist copied**

.4 **By subject**

Divide like **704.94**, e.g., portrait prints **769.42**

For prints by artist copied, see **769.3**

[.41] Marks of collectors and print makers

Class in **760.277–760.278**

.5 Specific forms

Applications of print making not limited historically or geographically by print makers

Including lettering, inscriptions, designs on name cards, post cards, posters, diplomas, decorative prints

For prints by subject, see **769.4**; *by artist copied,* **769.3**

.55 Paper money

.559 Of specific countries

Add area notations **4–9** to **769.559**

769.56 Postage stamps (Philately [*formerly* 383.22])

Separate, precanceled, printed on cards and envelopes

.562 Counterfeit stamps

.563 Stamps commemorating persons and events

.564 Stamps depicting specific subjects

For stamps commemorating persons and events, see **769.563**

.569 Stamps of specific countries

Add area notations **4–9** to **769.569**

.9 **Historical and geographical treatment**

.903–.904 Periods of development

Divide like standard subdivisions **090 3 – 090 4**, e.g., prints of 1950–1960 **769.904 5**

.91 Regional treatment

Add area notation **1** to **769.9**

.92 Print makers

Regardless of artist copied, subject, form

.93–.99 Geographical treatment

Add area notations **3–9** to **769.9**

770 Photography and photographs

.1 **Philosophy and theory**

.11 Photography as an art

Composition, design, perspective

.15 Scientific aspects

.153 Optics

Light in photography

[.154] Chemistry

Do not use; class in **771.5**

.2 Miscellany

.23 Photography as profession and hobby [*both formerly* 770.69]

.232 As a profession

.233 As a hobby

.24 Works for amateurs

.28 Techniques

Class equipment in **771**

[.281] Manufacture of photosensitive surfaces

Class in **661.808**

.282 Camera use

Loading, focusing, exposure, plate and film removal

► 770.283–770.284 Darkroom practice

.283 Preparation of negatives

Developing, desensitizing, reducing, intensifying, rinsing, fixing, washing, drying exposed plates, films, paper

For reversing negatives, see **770.285**

.284 Preparation of positives (Contact printing)

Exposing, developing, rinsing, fixing, washing, drying, retouching, toning, coloring, mounting

770.285 Preservation of negatives and transparencies

Storage, aging effects, reversing negatives

.286 Preservation of positives

For mounting, see **770.284**

.287 Recovery of waste materials

[.69] Photography as profession and hobby

Class in **770.23**

771 Equipment, supplies, chemistry

Scope: comprehensive works on use and manufacture

Class equipment and supplies used in special processes in **772–773**, in specific fields of photography in **778**, manufacture of a specific kind of equipment or supplies with the subject, e.g., of cameras **681.13**

.1 **Studios, laboratories, darkrooms**

.2 **Furniture and fittings**

.3 Cameras and accessories

.31 Specific makes of hand cameras

Arrange alphabetically by trade name

.35 Optical parts of cameras

For shutters, see **771.36**; *focusing and exposure apparatus,* **771.37**

.352 Lenses

.356 Filters

.36 Camera shutters

.37 Focusing and exposure apparatus

Exposure meters, view finders, range finders

.38 Accessories

Tripods, carrying cases

.4 Developing and printing apparatus

Trays, utensils, frames

771.5 **Chemistry and chemical supplies**

.52 Support materials

Backings of glass, metal, ceramics, cellulose compounds

.53 Photosensitive surfaces

.532 Specific photosensitive surfaces

.532 2 Plates

.532 3 Papers

.532 4 Films

.534 Sensitometry

Quantitative study of effects of exposure and development on photosensitive materials

.54 Developing and printing supplies

Preparation of developing, reducing, toning, intensifying, fixing solutions

---

► **772–773 Special processes**

Equipment, supplies, methods

For processing techniques in color photography, see 778.63–778.66; *photomechanical printing techniques,* 655.32

772 **Metallic salt processes**

.1 **Direct positive and printing-out processes**

For platinum printing-out process, see 772.3

.12 Daguerreotype process

.14 Wet-collodion, ferrotype, tintype processes

.16 Kallitype processes

.2 **Blueprinting (Cyanotype) process**

.3 **Platinotype processes**

Including platinum printing-out process

773 **Pigment processes of printing**

.1 **Carbon and carbro processes**

Artigue, Mariotype, ozotype, ozobrome

.2 **Powder (Dusting-on) processes**

Including peppertype process

.3 **Imbibition processes**

.5 **Gum-bichromate processes**

.6 **Photoceramic and photoenamel processes**

.7 **Diazotype processes**

.8 **Oil processes**

Including bromoil process

774

775

776

777

778 **Specific fields of photography**

Methods; comprehensive works on use and manufacture of equipment and supplies

Class manufacture of a specific kind of equipment or supplies with the subject, e.g., of cameras 681.13

SUMMARY

778.1 **Photoduplication (Photocopying)**
.2 **Photographic projection**
.3 **Scientific and technological applications**
.4 **Stereoscopic photography and projection**
.5 **Motion pictures**
.6 **Color photography and photography of colors**
.7 **Photography under specific conditions**
.8 **Trick photography**
.9 **Photography of specific subjects**

778.1 **Photoduplication (Photocopying)**

Of photographs, sketches, paintings, drawings, documents, other printed and written matter

For microphotography, see **778.315**

.12 Production of facsimiles and photostats

For blueprinting process, see 772.2

► 778.13–778.14 Projection printing

.13 Enlarging processes

.14 Reduction processes

.2 **Photographic projection**

Filmstrips and filmslides

For stereoscopic projection, see **778.4**; *motion-picture projection,* **778.55**

.3 **Scientific and technological applications**

Class a specific application with the subject

.31 Photomicrography and microphotography

Black-and-white and color

For projection printing, see **778.13–778.14**

.311 Photomicrography

Production of enlarged photographs of microscopic objects

For motion-picture photomicrography, see **778.56**

.315 Microphotography

Production of photographic records on reduced scale

.32 Photography in terms of focus

.322 Telephotography

For aerial and space photography, see **778.35**; *panoramic photography,* **778.36**

.324 Close-up photography

778.33 Radiography (X-ray photography)

Including fluoroscopy, cinefluorography

.34 Infrared photography

.35 Aerial and space photography

For photogrammetry, see **526.982**

.352 Aerial

.353 Space

.36 Panoramic photography

.37 Ultra high-speed photography

Including flash-bulb photography

.4 **Stereoscopic photography and projection**

Production of effects of binocular vision

For stereoscopic motion-picture photography, see **778.534 1**

.5 **Motion pictures**

.53 Photography (Cinematography) and editing

For cinefluorography, see **778.33**; *motion-picture photomicrography,* **778.56**

.534 Specific types of photography

.534 1 Stereoscopic

Production of effects of binocular vision

.534 2 Color

.534 4 Sound-picture recording

.534 6 Time-lapse

.534 7 Animated-cartoon

.534 9 Amateur

.534 91 Specific types of cameras

.535 Editing films

Including titling

.538 Photography of specific subjects

Divide like **001–999**, e.g., newsreel photography **778.538 07**

For specific types of photography, see **778.534**

778.55 Projection

.554 Of specific kinds of motion pictures

.554 1 Stereoscopic

.554 2 Color

.554 4 Sound

.554 9 Amateur

.56 Photomicrography

.58 Preservation and storage of films

.6 Color photography and photography of colors

For color motion-picture photography, see 778.534 2; *color photomicrography and microphotography,* 778.31

.62 Photography of colors in monochrome

Orthochromatic and panchromatic

► 778.63–778.66 Processing techniques in color photography

.63 Direct process reproduction

Including Lippmann process

► 778.65–778.66 Indirect processes

.65 Additive

Production of color films and projections by additive analysis and additive synthesis respectively

.66 Subtractive

Production of color films and prints by subtractive analysis and subtractive synthesis respectively

778.7 Photography under specific conditions

For flash-bulb photography, see 778.37

.71 Outdoors

.712 In sunlight

.719 At night

For infrared photography, see 778.34

.72 Indoors and by artificial light

.73 Underwater

.75 Under extreme climatic conditions

.8 Trick photography

Including table-top photography; photography of specters, distortions, multiple images; silhouette photography

.9 Photography of specific subjects

Divide like 704.94, e.g., portrait photography 778.92

Class photography of specific subjects by specific methods in 778.1–778.8

779 Collections of photographs

Divide like 704.94, e.g., photographs of children 779.25

780 Music

Distinguish scores and parts from treatises as provided below, e.g., comprehensive treatises on violin **787.1**, scores and parts for violin **787.151–787.154**

If preferred, distinguish scores and parts by prefixing **M** to number for treatises, e.g., scores and parts for violin **M787.1**

► **780.01–781.97 General works**

Scope: instrumental music [*formerly also* **785**]

.01 Research

.07 Music and society

► 780.071–780.073 Persons occupied with music

.071 Musicians

Class development, description, critical appraisal, biographical treatment of musicians in **780.92**

Class music as a profession in **780.23**, professional ethics of musicians in **174.9** [*both formerly* **780.071**]

.071 1 Composers

.071 2 Interpreters and performers

.072 Critics and musicologists

.073 Amateurs

► 780.074–780.075 Support and regulation

.074 Private patrons, patronage, support

Persons, foundations, fellowships

.075 Official support and regulation

.08 Relation to literature and other arts

.09 Relation to subjects other than arts

780.1 **Philosophy and esthetics**

Class general principles ("theory of music") in **781**

.15 Criticism and appreciation

Analytical guides and program notes

Class scientific aspects in **781.1**

[.19] Psychological aspects

Do not use; class in **781.15**

.2 **Miscellany**

.23 Music as a profession [*formerly* 780.071], occupation, hobby

[.28] Techniques, apparatus, equipment

Do not use; class in **781**

.29 Commercial miscellany

Including circulars [*formerly* **780.85**]

Class trade catalogs of music scores in **781.973 4**

.6 **Organizations**

.65 Business firms

Publishers, retailers, concert bureaus

.7 **Study, teaching, performances**

[.71] Schools and courses

Do not use; class in **780.72**

.72 Schools and courses

Conservatories and general schools at secondary and higher levels

Class research in **780.01**

.729 Historical and geographical treatment

Add area notations **1–9** to **780.729**

780.73 Performances

Concerts and recitals

.739 Programs

Add area notations 1–9 to 780.739

Class program notes in 780.15

.77 Special methods of teaching

Dictation, ear training, eye training, music reading, rhythm training

.79 Festivals, competitions, awards

Add area notations 1–9 to 780.79

.8 Collections, anthologies, miniature scores

Including collections of writings about the subject

► 780.81–780.82 Collected scores and parts of conventional size

Scope: works combining scores and words to be sung or recited with music

Class words to be sung or recited with music in 781.96

.81 By single composers

.82 By more than one composer

.84 Miniature pocket scores

[.85] Commercial circulars

Class in 780.29

.9 Historical and geographical treatment

► 780.901–780.904 Historical periods

Not limited regionally or geographically

.901 To ca. 450 A.D.

.902 450–1450

.903 1450–1900

.903 1 1450–1600

.903 2 1600–1750

.903 3 1750–1825

.903 4 1825–1900

.904 1900–

.91 Regional treatment

.917 Socioeconomic regions

[.917 4] Ethnic groups

Do not use; class in 781.7

.92 Musicians

.93–.99 Geographical treatment

Class music of national orientation in 781.7

781 General principles ("Theory of music") and techniques

Class principles and techniques of dramatic music in 782, of sacred music in 783, of music for specific mediums in 784–789

SUMMARY

781.1 Scientific aspects
.2 Basic considerations
.3 Harmony
.4 Melody and counterpoint
.5 Musical forms
.6 Composition and performance
.7 Music of ethnic and national orientation
.9 Other topics

.1 Scientific aspects

Including mathematical, physical, physiological aspects

For musical sound, see 781.22

.15 Psychological aspects

Including music and color

.2 Basic considerations

.22 Musical sound

Pitch, scales, intervals, tonalities, chords

For musical structure, see 781.3–781.4

.23 Nomenclature and systems of terms

.24 Notation

Including neumes, tablature

► **781.3–781.4 Musical structure**

For musical forms, see 781.5

781.3 **Harmony**

Class keyboard harmony for string instruments in 786.3, for wind instruments in 786.7 [*both formerly* 781.3]

.32 Thoro bass (Basso continuo)

Including realization of figured bass

.36 Modulation

.4 **Melody and counterpoint**

.42 Counterpoint

Including canon and fugue

.5 **Musical forms**

For canon and fugue, see 781.42

.52 Sonata

.55 Dance music

For jazz and related forms, see 781.57; *ballet music,* 782.95

.56 Program music

.57 Jazz and related forms

.572 Ragtime

.573 Blues

.574 Hot jazz and swing

.6 **Composition and performance**

For musical structure, see 781.3–781.4

.61 Composition

Class vocal composition [*formerly* 781.61] in 784.028

For special elements of composition, see 781.64–781.67

.62 Rhythm and meter

Class relation of words to music [*formerly* 781.62] in 784.015

781.63 Performance

Execution, interpretation, expression

For special elements of performance, see 781.64–781.67

[.632] Instrumentation

Class in 785.028 4

.633 Score reading and playing

Class memorizing [*formerly* 781.633] in 781.634

.634 Memorizing [*formerly* 781.633]

.635 Conducting

► 781.64–781.67 Special elements of composition and performance

.64 Arrangement (Transcription)

Including resolution, instrumental reduction

.642 Transposition

Written and extemporaneous

.65 Improvisation (Extemporization)

.66 Accompaniment

.67 Embellishment

Graces, ornaments, decoration

.7 **Music of ethnic and national orientation**

Scope: folk music [*formerly* 784.4]

Class geographical treatment of music in 780.93–780.99

.71 Of primitive peoples

Add area notations 1–9 to 781.71

► 781.72–781.79 Of nonprimitive peoples

.72 Of races without distinct national orientation

Divide like 420–490, e.g., Gipsy music 781.729 149

.73–.79 Of national orientation

Add area notations 3–9 to 781.7

781.9 **Other topics**

.91 Musical instruments [*formerly also* 785]

Design, hand construction, care, tuning, repairing, verification

.96 Words to be sung or recited with music

Description, critical appraisal, collections of librettos, scenarios, poems

.97 Bibliographies and catalogs of scores and parts

Scope: thematic catalogs, comprehensive bibliographies of scores and treatises

Class bibliographies of treatises on music in **016.78**, catalogs and lists of recordings in **789.913**

.971 General bibliographies

.972 Catalogs [*formerly* 781.973] and bibliographies of individual composers

Not limited to one form or medium

.973 General catalogs

Scores held in a specific collection or group of collections

Divide like **017.1–017.4**, e.g., trade catalogs **781.973 4**

Class catalogs of individual composers [*formerly* 781.973] in **781.972**

[.98] Printing and publishing

Class in **655**

782 Dramatic music and production of musical drama

.015 Appreciation

Analytical guides and program notes

.028 Composition

Writing and arrangement of music, librettos, scenarios

Class production in **782.07**

782.07 Production and productions

Training, conducting, performance

Including training in dramatic interpretation [*formerly also* **784.95**]

Class opera production [*formerly* **782.07**] in **782.107**

.08 Collections

Including collections of writings about the subject

Class collections of stories, plots, analyses of operas by more than one composer in **782.13**, of operettas in **782.813**, of ballets in **792.84** [*all formerly* **782.08**]

► 782.081–782.082 Of scores and parts

Scope: arrangements, abridgments, excerpts, works combining librettos with scores

For collections of librettos, see **782.085**

.081 By single composers

.082 By more than one composer

.085 Of librettos

.086 Of stories, plots, analyses

.09 Historical and geographical treatment

.092 Musicians

Composers, librettists, performers

.1 **Opera**

Grand, comic, satiric, chamber

.101 5 Appreciation

Analytical guides and program notes

.102 8 Composition

Writing and arrangement of music, librettos, scenarios

Class production in **782.107**

.107 Production [*formerly* 782.07] and productions

Including training

.107 1 Conducting and performance

782.107 3 Performances of specific operas

Including stage guides [*formerly* 782.12]

.107 39 Programs

Add area notations 1–9 to 782.107 39

.108 Collections of writings about the subject

Class collections of scores and parts in 782.15, of librettos in 782.12, of stories, plots, analyses in 782.13

.109 Historical and geographical treatment

.109 2 Musicians

Composers, librettists, performers

.12 Librettos

Class stage guides [*formerly* 782.12] in 782.107 3

.13 Stories, plots, analyses

Including collections by more than one composer [*formerly* 782.08]

.15 Scores and parts

Scope: arrangements, abridgments, excerpts, works combining librettos with scores

For librettos, see 782.12

.152 Collections by more than one composer

.154 Single works and collections by single composers

.8 Theater music

.81 Musical shows

Operettas, musical comedies, revues

Apply to the standard subdivisions the extended meanings of 782.101 5 – 782.109 2, e.g., conducting 782.810 71

Divide like 782.12–782.15, e.g., collection of stories, plots, analyses by more than one composer [*formerly* 782.08] 782.813

.82 Secular cantatas and oratorios

Apply to the standard subdivisions the extended meanings of 782.101 5 – 782.109 2, e.g., composition 782.820 28

Divide like 782.12–782.15, e.g., librettos 782.822

782.83 Incidental dramatic music

.830 28 Composition and arrangement

Class conducting and performance in 782.830 71

.830 71 Conducting and performance

.835 Scores and parts

Scope: arrangements, abridgments, excerpts

.835 2 Collections by more than one composer

.835 4 Single works and collections by single composers

.85 Film music

Divide like 782.83, e.g., techniques of composition 782.850 28

.86 Radio music

Divide like 782.83, e.g., collections by more than one composer 782.865 2

.87 Television music

Divide like 782.83, e.g., conducting 782.870 71

.9 Other forms of dramatic music

Including music for pantomimes, masks, pageants

.95 Ballet music

Divide like 782.83, e.g., single works 782.955 4

Class stories, plots, analyses of ballets by single composers, librettos, stage guides [*all formerly* 782.95] in 792.84

783 Sacred music

Music composed for public and private worship or dedicated to a religious purpose

.015 Appreciation

Analytical guides and program notes

► 783.026–783.029 Music for specific religious groups

783.026 Christianity

Divide like **281–289**, e.g., music of Methodists **783.026 7**

(Optional: specific kinds of sacred music of specific denominations and sects; prefer **783.1–783.9**. If option is chosen, add **0** to number resulting from division like **281–289** and divide further like **783.1–783.9**, e.g., Methodist church choirs **783.026 708**)

.029 Other religions

Divide like **292–299**, e.g., music of Judaism **783.029 6**

(Optional: specific kinds of sacred music of specific religions; prefer **783.1–783.9**. If option is chosen, add **0** to number resulting from division like **292–299** and divide further like **783.1–783.9**, e.g., liturgical music of Judaism **783.029 602**)

.073 Performances

.073 9 Programs

Add area notations **1–9** to **783.073 9**

Class program notes in **783.015**

► **783.1–783.9 Specific kinds**

Scope: specific kinds of sacred music of specific Christian denominations and sects, of other specific religions; if preferred, class in **783.026–783.029**

SUMMARY

783.1	**Instrumental music**
.2	**Liturgical and ritualistic music**
.3	**Oratorios**
.4	**Nonliturgical choral pieces**
.5	**Nonliturgical chants**
.6	**Songs**
.7	**Evangelistic music**
.8	**Church choirs and vocal groups**
.9	**Hymns**

.1 Instrumental music

Treatises on instrumental music and instrumental accompaniment to vocal music

Class scores and parts in **785–789**

783.2 Liturgical and ritualistic music

Scope: works combining texts (librettos) with scores

Class texts used by a specific religion with the religion, e.g., liturgy and ritual of Christian church **264**

.200 1–.200 7 Standard subdivisions

.200 8 Collections of writings about the subject

Class collections of scores and parts in **783.205**

.200 9 Historical and geographical treatment

.205 Scores and parts

Scope: arrangements, abridgments, excerpts

Divide like **785.115**, e.g., collections by more than one composer **783.205 2**

► 783.21–783.29 Liturgical music of Christian church

Divide each subdivision identified by * like **785.11**, e.g., single works of the Mass **783.215 4**

.21 *Mass (Communion service)

For Common of the Mass, see **783.22**; *Proper of the Mass,* **783.23**

.22 *Common (Ordinary) of the Mass

Kyrie, Gloria, Credo, Sanctus, Benedictus, Agnus Dei

.23 *Proper of the Mass

Introit, gradual, tract, sequence, offertory, communion

.24 *Office hours

Matins, Lauds, Prime, Terce, Sept, None, Vespers, Complin

.26 *Litanies

.27 *Lenten and penitential music

.28 *Joyous and festive music

Including Christmas, Easter liturgical music

.29 Other special services

Solemnities, processionals, recessionals

* Divide as instructed under **783.21–783.29**

783.3 **Oratorios**

Including Passions

.301 5 Appreciation

Analytical guides and program notes

.307 3 Performances

.307 39 Programs

Add area notations 1–9 to 783.307 39

Class program notes in 783.301 5

.308 Collections of writings about the subject

Class collections of scores and parts in 783.35, of librettos in 783.32

.32 Librettos

.35 Scores and parts

Scope: arrangements, abridgments, excerpts, works combining librettos with scores

For librettos, see 783.32

.352 Collections by more than one composer

.354 Single works and collections by single composers

.4 **Nonliturgical choral pieces**

Anthems, motets, choruses, cantatas

Divide like 783.3, e.g., collections by more than one composer 783.452

For oratorios, see 783.3

.5 **Nonliturgical chants**

Gregorian, Ambrosian, Anglican, Jewish chants

Divide like 783.3, e.g., scores of single works 783.554

783.6 **Songs**

► 783.62–783.63 Carols

Class treatises in 783.6

For Christmas carols, see 783.65

.62 Texts

.63 Scores and parts

Scope: arrangements, abridgments, excerpts, works combining texts (librettos) with scores

Divide like 783.35, e.g., single works 783.634

For texts, see 783.62

.65 Christmas carols

Scope: comprehensive works on Christmas music [*formerly* 783.66]

Divide like 783.3, e.g., single works 783.655 4

For a specific kind of Christmas music, see the subject, e.g., oratorios 783.3

[.66] Christmas music

Class in 783.65

.67 Other songs for from one to nine parts

.672 Texts

.675 Scores and parts

Scope: arrangements, abridgments, excerpts, works combining texts (librettos) with scores

Divide like 784.306, e.g., solos for men 783.675 13

For texts, see 783.672

.7 **Evangelistic music**

Treatises on mission, revival, Sunday school music

Class scores and parts of evangelistic songs for from one to nine parts in 783.675, for congregational singing in 783.95

.8 **Church choirs and vocal groups**

Including training and conducting

Class scores and parts of music for choirs with the kind of music, e.g., anthems 783.45

783.9 **Hymns**

Songs for congregational singing

.95 Scores and parts

Scope: arrangements, abridgments, excerpts, works combining texts with scores

Divide like 783.35, e.g., hymnals 783.952

Class texts used by a specific religion with the religion, e.g., texts of hymns for Christian congregations 245

► **784–789 Individual mediums of musical expression**

Observe the following table of precedence for works combining two or more mediums, e.g., duets for violin and flute 785.727 1, for soprano and tenor 784.306 22

Voice
- Children
- Women
- Men

String instruments
- Arranged as in 787

Wind instruments
- Arranged as in 788

Percussion instruments
- Arranged as in 789

Keyboard instruments
- Accordion
- Organ
- Harpsichord
- Piano

For dramatic music, see 782

784 Voice and vocal music

With or without instrumental accompaniment

Scope: comprehensive works on or combining words and music (texts and scores)

For sacred music, see 783; *words to be sung or recited with music,* 781.96; *music for orchestra with incidental vocal parts,* 785.2

.015 Appreciation

Analytical guides and program notes

Including relation of words to music [*formerly* 781.62]

784.028 Composition [*formerly also* 781.61]

Writing and arrangement of music and words

Class performance in 784.9

.07 Performances

Concerts and recitals

Class instruction and study in 784.9

.073 Programs

Add area notations 1–9 to 784.073

Class program notes in 784.015

.079 Festivals, competitions [*both formerly* 784.5], awards

.08 Collections of writings about the subject

Class collections of vocal music in 784.8

.09 Historical and geographical treatment

.092 Musicians

Composers, librettists and lyricists, singers

SUMMARY

784.1	Choruses and part songs
.2	Complete choral works
.3	Songs for from one to nine parts
.4	Folk songs
.6	Songs for specific groups and on specific subjects
.7	Other kinds of songs
.8	Collections of vocal music
.9	The voice

► **784.1–784.7 Specific kinds of vocal music**

Under each subdivision identified by * use 001–009 for standard subdivisions, applying the extended meanings of 784.015–784.092, e.g., composition of complete choral works 784.200 28. Class collections of scores and parts in 06, e.g., collections of complete choral works 784.206

► **784.1–784.3 Vocal music according to number of voices**

For vocal music according to origin, subject, special interest, see 784.4–784.7

784.1 ***Choruses and part songs**

Madrigals, glees, rounds, catches, other choral pieces not originally composed for orchestral accompaniment

.106 Scores and parts

Collections and single works

Scope: arrangements, abridgments, excerpts

► 784.106 1 – 784.106 5 For specific kinds and arrangements of voices [*formerly* 784.106 8]

.106 1 Children's voices

.106 2 Women's voices

.106 3 Men's voices

.106 4 Mixt voices

.106 5 Vocal parts with choruses

[.106 8] For specific kinds and arrangements of voices

Class in **784.106 1 – 784.106 5**

.2 ***Complete choral works**

Originally composed for chorus and orchestra with or without solo voices

.206 Scores and parts

Collections and single works

Scope: arrangements, abridgments, excerpts

.3 ***Songs for from one to nine parts**

Vocal chamber music, art songs, dance songs, ballads, ballades, canzonets

.306 Scores and parts

Collections and single works

Scope: arrangements, abridgments, excerpts

.306 1 One-voice part (Solos)

.306 11 Children

* Treat standard subdivisions as instructed under **784.1–784.7**

784.306 12 Women

Soprano, mezzo-soprano, contralto voices

.306 13 Men

Tenor, baritone, bass voices

.306 2 Two-voice parts (Duets)

Divide like **784.306 1**, following the table of precedence of mediums under **784–789**, e.g., duets for women and men **784.306 22**

.306 3 Three-voice parts (Trios)

Divide like **784.306 1**, following the table of precedence of mediums under **784–789**, e.g., trios for women and children **784.306 31**

.306 4 Four-voice parts (Quartets)

Divide like **784.306 1**, following the table of precedence of mediums under **784–789**, e.g., quartets for men **784.306 43**

.306 5 Five-voice parts (Quintets)

Divide like **784.306 1**, following the table of precedence of mediums under **784–789**, e.g., quintets for women **784.306 52**

.306 6 Six-voice parts (Sextets)

Divide like **784.306 1**, following the table of precedence of mediums under **784–789**, e.g., sextets for men, women, children **784.306 61**

.306 7 Seven-, eight-, nine-voice parts (Septets, octets, nonets)

Divide like **784.306 1**, following the table of precedence of mediums under **784–789**, e.g., octets for men **784.306 73**

► **784.4–784.7 Vocal music according to origin, subject, special interest**

784.4 ***Folk songs**

Class folk music [*formerly* 784.4] in 781.7

For national airs, songs, hymns, see 784.71; *songs of specific ethnic and cultural groups,* 784.75–784.76

[.400 9] Historical and geographical treatment

Do not use; class in 784.49

.406 Scores and parts

Collections and single works

Scope: arrangements, abridgments, excerpts

.49 Historical and geographical treatment

Add area notations 1–9 to 784.49

[.5] **Festivals and competitions**

Class in 784.079

.6 ***Songs for specific groups and on specific subjects**

.606 Scores and parts

Collections and single works

Scope: arrangements, abridgments, excerpts

.61 *For home and community

Class community singing, singing in the home [*both formerly* 784.61] in 784.96

For songs for students and children, see 784.62

.610 6 Scores and parts

Collections and single works

Scope: arrangements, abridgments, excerpts

* Treat standard subdivisions as instructed under 784.1–784.7

784.62 *For students and children

.620 6 Scores and parts

Collections and single works

Scope: arrangements, abridgments, excerpts

.622 *College and university songs

Songs for undergraduate, graduate, professional, technical schools, fraternities

.622 06 Scores and parts

Collections and single works

Scope: arrangements, abridgments, excerpts

.623 *High school songs

.623 06 Scores and parts

Collections and single works

Scope: arrangements, abridgments, excerpts

.624 *Children's songs

Scope: elementary school songs

.624 06 Scores and parts

Collections and single works

Scope: arrangements, abridgments, excerpts

.66 *For societies and service clubs

Masonic, Rotary, Lions Club songs

For songs for college fraternities, see 784.622; *songs on specific subjects,* 784.68

.660 6 Scores and parts

Collections and single works

Scope: arrangements, abridgments, excerpts

.68 On specific subjects (Topical songs)

Use 784.680 001 – 784.680 009 for standard subdivisions

Divide like 001–999, e.g., labor songs 784.683 31

* Treat standard subdivisions as instructed under 784.1–784.7

784.7 **Other kinds of songs**

.71 *National airs, songs, hymns

Patriotic, martial, political songs

[.710 09] Historical and geographical treatment

Do not use; class in **784.719**

.710 6 Scores and parts

Collections and single works

Scope: arrangements, abridgments, excerpts

.719 Historical and geographical treatment

Add area notations **3–9** to **784.719**

► 784.75–784.76 Songs of specific ethnic and cultural groups

.75 In United States and Canada

.751 Indians

.752 Gipsies

.755 Anglo-Americans and Celtic-Americans

.756 *Negroes

Minstrel and plantation songs, spirituals

.756 06 Scores and parts

Collections and single works

Scope: arrangements, abridgments, excerpts

.76 In other countries

Divide like **420–490**, e.g., Maori songs **784.769 94**

.8 **Collections of vocal music**

Too general to be provided for in **784.1–784.7**

Scope: arrangements, abridgments, excerpts

.81 Solos

Divide like **784.306 1**, e.g., collections of women's solos **784.812**

* Treat standard subdivisions as instructed under **784.1–784.7**

784.82 Duets

Divide like **784.306 1**, following the table of precedence of mediums under **784–789**, e.g., collections of men's duets **784.823**

.83 Trios

Divide like **784.306 1**, following the table of precedence of mediums under **784–789**, e.g., collections of trios for men and women **784.832**

.84 Quartets

Divide like **784.306 1**, following the table of precedence of mediums under **784–789**, e.g., collections of children's quartets **784.841**

.85 Quintets, sextets, septets, octets, nonets

Divide like **784.306 1**, following the table of precedence of mediums under **784–789**, e.g., collections of sextets for men, women, children **784.851**

.87 Collections for male voices

.88 Collections for female voices

.9 **The voice**

.93 Training and performance

For special methods of training and expression, see **784.94**; *vocal ensemble,* **784.96**

.932 Training

Voice culture, vocal expression, breathing, pronunciation, tone formation, vowel formation

For training for dramatic performance, see **784.95**

.934 Performance

Execution, interpretation, expression

.94 Special methods of training and expression

Including sight singing, solfeggios, sol-fa

.949 Whistling

784.95 Voice training for dramatic performance

Class training in dramatic interpretation [*formerly* **784.95**] in **782.07**

.96 Vocal ensemble

Scope: community singing, singing in the home [*both formerly* **784.61**]

.962 Training

.963 Conducting

.964 Performance

Execution, interpretation, expression

► 785–789 Instruments and instrumental music

For treatises on sacred instrumental music, see **783.1**

785 Instrumental ensembles and their music

Class general works on instruments in **781.91**, on instrumental music in **780.01–781.97** [*both formerly* **785**]

.015 Appreciation

Analytical guides and program notes

.028 Composition

Including accompaniment, embellishment

Class performance in **785.066–785.068**

.028 4 Arrangement

Including instrumentation [*formerly* **781.632**]

.06 Organizations

[.061] Permanent government organizations

Do not use; class in **785.062**

.062 Permanent organizations

.062 3–.062 9 Specific organizations

Scope: concerts and programs

Add area notations **3–9** to **785.062**

► 785.066–785.068 Specific kinds of ensembles

Orchestras, bands [*both formerly* **785.1**], chamber music ensembles

Scope: training, conducting [*both formerly* **785.107**], performance

Add **07** to each subdivision identified by * for training, conducting, performance

For specific organizations, see **785.062 3 – 785.062 9**

785.066 *Orchestras

Scope: string bands

.066 1 *Full (Symphony) orchestra

.066 2 *Salon orchestra [*formerly* 785.46]

Chamber, theater, hotel, café orchestra

.066 3 *String orchestra [*formerly* 785.47]

.066 6 *Dance orchestra [*formerly* 785.41]

.066 7 *Jazz orchestra [*formerly* 785.42]

Scope: comprehensive works on jazz orchestra and band

For jazz band, see **785.067 2**

.067 *Bands

For string bands, see **785.066**

.067 1 *Marching band

Wind, brass, military, school band; drum and bugle corps

.067 108 Drill, marching, drum majoring

.067 2 *Jazz band [*formerly* 785.42]

.067 5 *Rhythm and percussion bands [*both formerly* 785.43]

.068 *Chamber music ensembles

.07 Study, teaching, concerts

.073 Concerts

.073 9 Programs

Add area notations **1–9** to **785.073 9**

Class program notes in **785.015**

* Add as instructed under **785.066–785.068**

785.09 Historical and geographical treatment

For specific organizations, see 785.062 3 – 785.062 9

.092 Musicians

Composers and conductors

► **785.1–785.8 Specific kinds of music**

Under each subdivision identified by * apply to the standard subdivisions the extended meanings of 785.015–785.092, e.g., analytical guides to symphonies 785.110 15 (but do not use the extended meanings of 06 and its subdivisions). Use 08 for collections of writings about the subject; class collections of scores and parts in specific numbers provided, e.g., collections of symphonies 785.115

SUMMARY

785.1	Symphonies and band music
.2	Music for orchestra with incidental vocal parts
.3	Miscellaneous music for orchestra
.4	Music for small ensembles
.5	Independent overtures for orchestra
.6	Concertos
.7	Chamber music
.8	Suites for orchestra

.1 Symphonies and band music

Class orchestras, bands [*both formerly* 785.1] in 785.066–785.068

[.107] Orchestra training and conducting

Class in 785.066–785.068

.11 *Symphonies for orchestra

Scope: symphonies for salon orchestra [*formerly* 785.46], for string orchestra [*formerly* 785.47]

.115 Scores and parts

Scope: arrangements, abridgments, excerpts

.115 2 Collections by more than one composer

.115 4 Single works and collections by single composers

* Treat standard subdivisions as instructed under 785.1–785.8

785.12 *Band music

Symphonies, music with incidental vocal parts, overtures, suites, miscellaneous music

Divide like 785.11, e.g., single works 785.125 4

Class treatises on military band music [*formerly* 785.12] in 785.13

For concertos, see 785.6; *dance music,* 785.41; *jazz,* 785.42

.13 *Military band music [*formerly* 785.12]

Marches and patriotic music

[.132–.134] Scores and parts

Class in 785.135

.135 Scores and parts [*formerly* 785.132–785.134]

Scope: arrangements, abridgments, excerpts

Divide like 785.115, e.g., collections by more than one composer 785.135 2

.2 *Music for orchestra with incidental vocal parts

Divide like 785.11, e.g., collections of orchestral music with voice parts by one composer 785.254

.3 *Miscellaneous music for orchestra

Not provided for in 785.1–785.2, 785.4–785.8

Scope: miscellaneous music for salon orchestra [*formerly* 785.46], for string orchestra [*formerly* 785.47]

Use 785.300 1 – 785.300 9 for standard subdivisions

.305 Scores and parts

Scope: arrangements, abridgments, excerpts

Divide like 785.115, e.g., collections of miscellaneous pieces by several composers 785.305 2

.31 *Serenades and other romantic music

Divide like 785.11, e.g., single works 785.315 4

.32 *Symphonic poems and other program music

Divide like 785.11, e.g., single works 785.325 4

* Treat standard subdivisions as instructed under 785.1–785.8

785.34 *Variations and other large works

Divide like **785.11**, e.g., collections of scores by a single composer **785.345 4**

.4 Music for small ensembles

For chamber music, see **785.7**

.41 *Dance music

Divide like **785.11**, e.g., collections of dance music arrangements for orchestra by more than one composer **785.415 2**

Class dance orchestra [*formerly* **785.41**] in **785.066 6**

For jazz, see **785.42**; *music for rhythm and percussion bands,* **785.43**

.42 *Jazz

Divide like **785.11**, e.g., single works **785.425 4**

Class jazz orchestra in **785.066 7**, jazz band in **785.067 2** [*both formerly* **785.42**]

.43 *Music for rhythm and percussion bands

Divide like **785.11**, e.g., single works **785.435 4**

Class rhythm and percussion bands [*both formerly* **785.43**] in **785.067 5**

[.46] Salon orchestra and its music

Class salon orchestra in **785.066 2**, symphonies for salon orchestra in **785.11**, miscellaneous music in **785.3**, overtures in **785.5**, suites in **785.8**

[.47] String orchestra and its music

Class string orchestra in **785.066 3**, symphonies for string orchestra in **785.11**, miscellaneous music in **785.3**, overtures in **785.5**, suites in **785.8**

.5 *Independent overtures for orchestra

Scope: overtures for salon orchestra [*formerly* **785.46**], for string orchestra [*formerly* **785.47**]

Divide like **785.11**, e.g., single works **785.554**

* Treat standard subdivisions as instructed under **785.1–785.8**

785.6 *Concertos

One or more solo instruments with orchestra or band

Scope: concerti grossi

For music for organ, piano, orchestra, see **786.89**

.66–.69 Scores and parts

Scope: arrangements, abridgments, excerpts

Divide like **786–789**, e.g., violin concertos **785.671**; then add **0** and divide further like **785.115**, e.g., collections of violin concertos by two or more composers **785.671 02**

Class compositions with more than one solo instrument by following the table of precedence of mediums under **784–789**, e.g., concertos for flute and violin **785.671**

.7 *Chamber music

Compositions for two or more different solo instruments

Use **785.700 1 – 785.700 9** for standard subdivisions

For music for organ and piano, see **786.88**

.702–.709 Treatises on music for groups of specific sizes

Divide like **785.72–785.79**, e.g., treatises on duets for flute and piano **785.702 851**

► 785.71–785.79 Scores and parts

Scope: arrangements, abridgments, excerpts

.71 Collections of music for groups of various sizes

► 785.72–785.79 Music for groups of specific sizes

Collections and single works

.72 Duets

Divide like **786–789**, following the table of precedence of mediums under **784–789**, e.g., duets for flute and piano **785.728 51**

.73 Trios

Divide like **786–789**, following the table of precedence of mediums under **784–789**, e.g., trios for violin, flute, harp **785.737 1**

* Treat standard subdivisions as instructed under **785.1–785.8**

785.74 Quartets

Divide like 786–789, following the table of precedence of mediums under 784–789, e.g., string quartets 785.747 1

.75 Quintets

Divide like 786–789, following the table of precedence of mediums under 784–789, e.g., quintets for clarinet and strings 785.757 1

.76 Sextets

Divide like 786–789, following the table of precedence of mediums under 784–789, e.g., string sextets 785.767 1

.77 Septets

Divide like 786–789, following the table of precedence of mediums under 784–789, e.g., brass septets with trumpet 785.778 1

.78 Octets

Divide like 786–789, following the table of precedence of mediums under 784–789, e.g., octets including violin 785.787 1

.79 Nonets and larger combinations

Divide like 786–789, following the table of precedence of mediums under 784–789, e.g., combinations with violin 785.797 1

.8 Suites for orchestra

Scope: suites for salon orchestra [*formerly* 785.46], for string orchestra [*formerly* 785.47]

Divide like 785.11, e.g., single works 785.854

786 Keyboard instruments and their music

For celesta, see 789.6

SUMMARY

786.1	Keyboard string instruments and their music
.2	Keyboard string instruments
.3	Training in and performance on keyboard string instruments
.4	Music for keyboard string instruments
.5	Keyboard wind instruments and their music
.6	Organ
.7	Training in and performance on keyboard wind instruments
.8	Music for keyboard wind instruments
.9	Other keyboard instruments

786.1 **Keyboard string instruments and their music**

For instruments, see 786.2; *training and performance,* 786.3; *music,* 786.4

.101 5 Appreciation

Analytical guides and program notes

.102 8 Composition

Including accompaniment, embellishment

Class performance in 786.3

.102 84 Arrangement

.107 Performances

Concerts and recitals

Class instruction and study in 786.3

.107 3 Programs

Add area notations 1–9 to 786.107 3

Class program notes in 786.101 5

.108 Collections of writings on the subject

Class collections of scores and parts in 786.4

.109 Historical and geographical treatment

.109 2 Musicians

Composers and performers

.2 **Keyboard string instruments**

786.21–786.22 Specific kinds

For player piano, see 789.72; *design, hand construction, care, tuning, repairing,* 786.23

.21 Pianoforte (Piano)

For early forms, see 786.223

.22 Other instruments

.221 Harpsichord, spinet, virginal

.222 Clavichord

.223 Forerunners and early forms of pianoforte

786.23 Design, hand construction, care, tuning, repairing

.3 Training in and performance on keyboard string instruments

Scope: keyboard harmony [*formerly* **781.3**], accompaniment

.31 Hand

.32 Touch

.33 Studies and exercises in scales

.34 Studies and exercises in octaves, chords, arpeggios

.35 Studies and exercises in pedal

► 786.36–786.38 Graded instruction

.36 Elementary

.37 Intermediate

.38 Advanst

.4 Music for keyboard string instruments

Class instructive editions in **786.3**

.405 Scores and parts

Scope: arrangements, abridgments, excerpts

Divide like **785.115**, e.g., collections for harpsichord by more than one composer **786.405 2**

► 786.41–786.49 Specific forms

Divide each subdivision identified by * like **785.11**, e.g., single piano sonata **786.415 4**

.41 *Sonatas, sonatinas, rondos

.42 *Fantasias, fugues, rhapsodies, arabesques

.43 *Romantic and descriptive music

Nocturnes, meditations, ballads, songs without words

* Divide as instructed under **786.41–786.49**

► 786.44–786.46 Dances

786.44 *Marches, polonaises, polkas, mazurkas

.45 *Other dance forms

National, classic, idealized; dance suites, square dance music

.46 *Modern dance music

Ballroom dance music, jazz music

.47 *Artistic études

.48 *Variations and suites

.49 Music for more than one performer

Not provided for in **786.41–786.48**

.495 Scores and parts

Scope: arrangements, abridgments, excerpts

.495 6 One piano, two or more performers

.495 7 Two pianos, two or more performers

.495 8 Three or more pianos, three or more performers

.5 Keyboard wind instruments and their music

Apply to the standard subdivisions the extended meanings of **786.101 5 – 786.109 2**, e.g., composition **786.502 8**

For a specific instrument, see the subject, e.g., organ **786.6**; *training and performance,* **786.7**; *music,* **786.8**

.6 Organ

For electronic organ, see **786.92**; *reed organ,* **786.94**

[.609] Historical and geographical treatment

Do not use; class in **786.62**

.62 Historical and geographical treatment

Add area notations **1–9** to **786.62**

.63 Design, hand construction, care, tuning, repairing

* Divide as instructed under **786.41–786.49**

786.7 **Training in and performance on keyboard wind instruments**

Scope: keyboard harmony [*formerly* 781.3], accompaniment

For accordion and concertina, see 786.97

.73 Studies and exercises

For graded instruction, see 786.76–786.78

► 786.76–786.78 Graded instruction

.76 Elementary

.77 Intermediate

.78 Advanst

.8 **Music for keyboard wind instruments**

Class instructive editions in 786.7

For accordion and concertina, see 786.97

.805 Scores and parts

Scope: arrangements, abridgments, excerpts

Divide like 785.115, e.g., arrangements for organ by one composer 786.805 4

► 786.81–786.89 Specific forms

Divide each subdivision identified by * like 785.11, e.g., single organ sonata 786.815 4

.81 *Sonatas, sonatinas, similar works

.82 *Fugues, preludes and fugues, toccatas

For preludes, see 786.83

.83 *Preludes

.84 *Interludes

.85 *Postludes

.86 *Offertories

.87 *Voluntaries and improvisations

.88 *Music for organ and piano

.89 *Music for organ, piano, orchestra

* Divide as instructed under 786.81–786.89

786.9 **Other keyboard instruments**

.92 Electronic organ

Apply to the standard subdivisions the extended meanings of 786.101 5 – 786.109 2, e.g., programs 786.920 73

Class training and performance in 786.7, music in 786.8

.923 Design, hand construction, care, tuning, repairing

.94 Reed organ

Harmonium, melodeon, cabinet organ

Apply to the standard subdivisions the extended meanings of 786.101 5 – 786.109 2, e.g., programs 786.940 73

Class training and performance in 786.7, music in 786.8

.943 Design, hand construction, care, tuning, repairing

.97 Accordion and concertina and their music

► **787–789 Other instruments and their music**

Divide each subdivision identified by * like 787.1, e.g., flute programs 788.510 739

787 **String instruments and their music**

.01 *Bowed instruments and their music [*formerly* 787.1]

Class specific instruments in 787.1–787.4

.05 *Plectral instruments and their music [*formerly* 787.5]

Class specific instruments in 787.5–787.9

► **787.1–787.4 Specific bowed instruments and their music**

Class comprehensive works in 787.01

.1 **Violin**

Class comprehensive works on bowed instruments and their music [*formerly* 787.1] in 787.01

.101 5 Appreciation

Analytical guides and program notes

* Divide as instructed under 787–789

787.102 8 Composition
Including accompaniment, embellishment
Class performance in **787.107 14**

.102 84 Arrangement

.107 Educational aspects and performance
.107 1 Training and performance
.107 12 Training
Class instructive editions of scores and parts in **787.151**

.107 14 Performance
Execution, interpretation, expression

.107 3 Concerts and recitals
.107 39 Programs
Add area notations **1–9** to **787.107 39**
Class program notes in **787.101 5**

.108 Collections of writings about the subject
Class collections of scores and parts in **787.15**

[.108 1] Criticism and appraisal of musicians
Class in **787.109 2**

.109 Historical and geographical treatment
.109 2 Musicians
Composers and performers
Including criticism, appraisal [*both formerly* **787.108 1**]

.12 Instruments
Design, hand construction, care, tuning, repairing

787.15 Music

► 787.151–787.154 Scores and parts
Scope: arrangements, abridgments, excerpts

.151 Instructive editions
.152 Collections by more than one composer
Divide like **787.154**, e.g., collections of accompanied solos **787.152 2**

.154 Single works and collections by single composers
.154 1 Solo, unaccompanied
.154 2 Solo, accompanied
Class chamber music in **785.7**

.154 3 Two or more violins, unaccompanied
.154 4 Two or more violins, accompanied
Class chamber music in **785.7**

.2 *Viola
.3 *Violoncello
.4 Other bowed string instruments
.41 *Double bass
.42 *Viols and vielle

► **787.5–787.9 Specific plectral instruments and their music**
Class comprehensive works in **787.05**

.5 *Harp
Class comprehensive works on plectral instruments and their music [*formerly* **787.5**] in **787.05**

.6 Guitar, mandolin, lute
.61 *Guitar
For banjo, see **787.7**; *ukulele,* **787.92**

* Divide as instructed under **787–789**

787.65 *Mandolin

.67 *Lute

For mandolin, see **787.65**

.7 *Banjo

.8 *Zither

.9 Other plectral instruments

Including hurdy-gurdy, dulcimer, psaltery

.92 *Ukulele

788 Wind instruments and their music

.01 *Brass instruments and their music [*formerly* 788.1]

Class specific instruments in **788.1–788.4**

.05 *Woodwind instruments and their music [*formerly* 788.5]

Class specific instruments in **788.5–788.9**

.056 *Reed [*formerly* 788.6]

► **788.1–788.4 Specific brass instruments and their music**

Class comprehensive works in **788.01**

.1 *Trumpet, cornet, bugle

Class comprehensive works on brass instruments and their music [*formerly* **788.1**] in **788.01**

.2 *Trombone

.4 Horns and other brass wind instruments

.41 *French horn and hunting horn

.42 *Saxhorn

.44 *Baritone and euphonium

.45 *Ophicleide, key bugle

.48 *Bass horns

Tuba, helicon, sousaphone, serpent

* Divide as instructed under **787–789**

788.49 Other

Including alpenhorn

► **788.5–788.9 Specific woodwind instruments and their music**

Class comprehensive works in **788.05**

.5 Flute group

Wind instruments with mouth hole

Including ocarina

Apply to the standard subdivisions the extended meanings of **787.101 5 – 787.109 2**, e.g., performance **788.507 14**

Class comprehensive works on woodwind instruments and their music [*formerly* **788.5**] in **788.05**

.51 *Flute, piccolo, fife

.53 *Recorder and flageolet

► **788.6–788.9 Specific reed instruments and their music**

Class comprehensive works in **788.056**

.6 Single-reed instruments

Apply to the standard subdivisions the extended meanings of **787.101 5 – 787.109 2**, e.g., appreciation **788.601 5**

Class comprehensive works on reed instruments and their music [*formerly* **788.6**] in **788.056**

.62 *Clarinet and basset horn

.66 *Saxophone

► **788.7–788.8 Double-reed instruments**

.7 *Oboe and English horn

.8 *Bassoon and heckelphone

.9 Other reed instruments

Including jew's harp [*formerly* **789.69**], bagpipe, harmonica (mouth organ)

* Divide as instructed under **787–789**

789 **Percussion, mechanical, electrical instruments**

.01 *Percussion instruments and their music [*formerly* 789.1]

Class specific instruments in 789.1–789.6

► **789.1–789.6 Specific percussion instruments and their music**

Class comprehensive works in 789.01

.1 ***Membranophones**

Timpano (kettledrum), drum, tambourine, tom-tom

Class comprehensive works on percussion instruments and their music [*formerly* 789.1] in 789.01

.2 ***Cymbals**

.3 ***Triangle**

.4 **Other percussion instruments of indefinite pitch**

Castanets, maracas, gong, rattle, anvil

.5 ***Bells, carillons, chimes**

.6 **Other percussion instruments of definite pitch**

Including harmonica (musical glasses), glockenspiel, marimba, xylophone, vibraphone, celesta

.69 Unsophisticated instruments

Including musical saw, comb

Class jew's harp [*formerly* 789.69] in 788.9

► **789.7–789.9 Mechanical and electrical reproduction of music**

.7 **Mechanical instruments and devices**

For music box, see 789.8

.71 Barrel organ

Hand organ, street organ, street piano

.72 Reproducing and player pianos and orchestrion

* Divide as instructed under 787–789

789.8 **Music box**

.9 **Electronic musical instruments and music recording**

Including emicon, theremin, trautonium

Class modifications or imitations of a standard instrument with its prototype

.91 Music recording

Recording on and playing from phonorecords (cylinders, discs, wires, tapes, films)

.911 Mechanical and electronic reproducers

.912 Recordings

For catalogs and lists of recordings, see 789.913

.913 Catalogs, lists, critical appraisal of recordings

.913 1 General lists

► 789.913 2 – 789.913 6 Special lists and catalogs

.913 2 Of individual composers

Not clearly identified with any specific form, kind, medium

.913 6 Of specific forms, kinds, mediums

Scope: individual performers

Divide like 781–789, e.g., catalogs of recordings of violin music 789.913 671, of dance music in several mediums 789.913 615 5

.913 7 General catalogs

.913 71 Of libraries

.913 72 Of private collections

.913 74 Of manufacturers and dealers

.98 Concrete music (Musique concrète)

790 Recreation (Recreational arts)

Materials, equipment, techniques

► 790.01–790.09 Standard subdivisions

.01 Philosophy, theory, programs

.013 Value, influence, effect

.013 2 Psychological aspects of recreation

.013 5 Effective use of leisure

.019 Recreation for specific classes

Scope: recreational programs

Class psychological aspects in **790.013 2**

.019 1 Families

.019 2 Specific age groups

Including young adults, mature adults

For recreation for groups by sex, see **790.019 4**; *for invalids, convalescents, persons with handicaps,* **790.019 6**

.019 22 Children

.019 26 Senior citizens

.019 4 Groups by sex

Boys, men, girls, women

For recreation for invalids, convalescents, persons with handicaps, see **790.019 6**

.019 6 Invalids, convalescents, persons with handicaps

.02 Miscellany

.023 Hobbies

.023 2 Collecting

.03–.05 Dictionaries, serial publications

.06 Organizations

.068 Recreation centers

Including use of community centers for recreational purposes

Class day camps in **796.542 3**

.07–.09 Other standard subdivisions

790.2 **The performing arts**

Including comprehensive works on stage, motion pictures, radio, television [*formerly* 791.4]

For music, see **780**

.201–.209 Standard subdivisions

791 Public entertainment

.068 Amusement parks

Add area notations 1–9 to **791.068**

SUMMARY

791.1	Traveling shows
.3	Circuses
.4	Motion pictures, radio, television
.5	Miniature, toy, shadow theaters
.6	Pageantry
.8	Animal performances

.1 **Traveling shows**

Including medicine shows

For circuses, see **791.3**

.12 Minstrel shows and skits

.3 **Circuses**

► 791.32–791.38 Specific elements of circus performance

.32 Animal performances

.33 Clowns

.34 Acrobatics and trapeze work

.35 Freaks and sideshows

.38 Parades

.39 Amateur circuses

For specific elements of circus performance, see **791.32–791.38**

791.4 Motion pictures, radio, television

Class comprehensive works on stage, motion pictures, radio, television [*formerly* 791.4] in 790.2

.43 Motion pictures

Apply to the standard subdivisions the extended meanings of 792.01–792.09, e.g., make-up for motion pictures 791.430 27

Class comprehensive works on motion-picture communication [*formerly* 791.43] in 384.8

[.432] Script writing

Class in 808.066

.437 Specific films

Including production scripts

Arrange alphabetically by title of film

For catalogs and lists of films, see 791.438

.438 Catalogs and lists of films

.44 Radio

Apply to the standard subdivisions the extended meanings of 792.01–792.09, e.g., influence of radio 791.440 13

Class comprehensive works on radiobroadcasting [*formerly* 791.44] in 384.54

[.442] Script writing

Class in 808.066

.443 Methods of presentation

Live or recorded, network production, announcing, place of commercials

.447 Specific programs

Including production scripts

Arrange alphabetically by name of program

791.45 Television

Apply to the standard subdivisions the extended meanings of 792.01–792.09, e.g., scenery and lighting for television 791.450 25

Class comprehensive works on television broadcasting [*formerly* 791.45] in 384.554

[.452] Script writing

Class in 808.066

.453 Methods of presentation

Live or filmed, color, network production, announcing, place of commercials

.457 Specific programs

Including production scripts

Arrange alphabetically by name of program

.5 Miniature, toy, shadow theaters

.53 Puppetry

Operation of marionettes and puppets, producing and staging puppet plays

Class making puppets and marionettes [*both formerly* 791.53] in 745.592 2

.538 Production scripts of puppet plays

.6 Pageantry

Processions, festivals, illuminations, parades, floats for parades

For water pageantry, see 797.203; *circus parades,* 791.38

.62 Pageants

Scope: school pageants [*formerly* 371.895]

Class plays in 800

.622 Religious pageants

.624 Historical and patriotic pageants

791.8 Animal performances

Including cockfighting, rodeos

For circus animal performances, see 791.32; *equestrian sports and animal racing,* 798

.82 Bullfighting

792 Theater (Stage presentations)

For miniature, toy, shadow theaters, see 791.5

.01 Philosophy and esthetics

.013 Value, influence, effect

.015 Criticism and appreciation

Theory and technique

.02 Handbooks, techniques, apparatus, miscellany

► 792.022–792.028 Handbooks, techniques, apparatus

Scope: school dramatics [*formerly* 371.895], private theatricals [*formerly* 793.1], amateur theatricals

Class miscellany in 792.029

.022 Types of stage presentations

Including municipal theater, showboats

.022 2 Amateur theater

.022 3 Little theater movement

.022 4 Summer theater

.022 6 Children's theater

.022 8 Arena theater (Theater in the round)

.023 Supervision

.023 2 Production

.023 3 Direction

.023 6 Programing

.025 Setting

Scenery, lighting

.026 Costuming

792.027 Make-up

.028 Acting

Impersonation, improvisation, use of expression and gestures, stage fright

.029 Miscellany

.029 07 Humorous treatment

.029 08 Audio-visual treatment

.029 1–.029 7 Miscellaneous works

Divide like standard subdivisions 021–027, e.g., stage as a profession 792.029 3

.029 9 Commercial miscellany

House organs, prospectuses, price lists, trade catalogs

.09 Historical and geographical treatment

Scope: description, critical appraisal of specific theaters, companies, performances

.090 9 Special aspects

Divide like 808.801–808.803, e.g., naturalism in the theater 792.090 912

.091–.099 Geographical treatment and persons

► 792.1–792.8 Specific kinds of dramatic performance

Under each subdivision identified by * apply to the standard subdivisions the extended meanings of 792.01–792.09, e.g., acting in pantomime 792.302 8

For specific productions, see 792.9

.1 *Tragedy and serious drama

Including historical, Passion, morality, miracle plays

.2 *Comedy and melodrama

Class vaudeville [*formerly* 792.2] in 792.7

.3 *Pantomime

* Treat standard subdivisions as instructed under 792.1–792.8

792.7 ***Vaudeville [*formerly* 792.2], music hall, variety, cabaret, night club presentations**

.8 ***Ballet**

.809 Historical and geographical treatment

Class specific performances in 792.84

.82 Ballet dancing

Including choreography

.84 Specific ballets

Including collections of stories, plots, analyses of ballets by more than one composer [*all formerly also* 782.08]; stories, plots, analyses of ballets by single composers, librettos, stage guides [*all formerly also* 782.95]

.9 **Specific productions**

Including production scripts (stage guides)

For specific ballets, see 792.84

793 Indoor games and amusements

For indoor games of skill, see 794; *games of chance,* 795

.019 For specific classes

Divide like 790.019, e.g., indoor games and amusements for children 793.019 22

[.1] **Private theatricals**

Class in 792.022–792.028

.2 **Parties and entertainments**

.21 Children's parties

.22 Seasonal parties

For children's parties, see 793.21

.24 Charades and tableaux

* Treat standard subdivisions as instructed under 792.1–792.8

793.3 **Dancing**

.31 Folk and national dances

[.310 9] Historical and geographical treatment

Do not use; class in 793.319

.319 Historical and geographical treatment

Add area notations 1–9 to 793.319

.32 Theatrical dancing

For ballet dancing, see 792.82

.324 Tap and clog dancing

.33 Ballroom dancing (Round dances)

.34 Square dancing

.35 Dances with accessory features

Sword dance, cotillions, germans

.38 Balls

.4 **Games of action**

.5 **Forfeit and trick games**

.7 **Games not characterized by action**

For charades and tableaux, see 793.24

.73 Puzzles and puzzle games

Including quizzes, literary games, anagrams, acrostics

For mathematical games and recreations, see 793.74

.732 Crossword puzzles

.735 Riddles

.74 Mathematical games and recreations

.8 **Magic**

Scientific recreations, conjuring, juggling, ventriloquism

For card tricks, see 795.438

.9 **Other indoor diversions**

Class paper cutting and folding [*formerly* 793.9] in 736.98

794 Indoor games of skill

For card games based chiefly on skill, see 795.41

.1 Chess

.12 Strategy and tactics

Combinations, sacrifices, traps, pitfalls, attack, counterattack, defense

.122 Openings

.123 Middle games

.124 End games

.14 Individual chessmen

Position, moves, power, value

.142 Pawns

.143 Rooks (Castles)

.144 Knights

.145 Bishops

.146 Queen

.147 King

.15 Collections of games

.152 Master matches

For matches by individual players, see 794.159

.157 Tournaments and championships

For tournaments and championship games by individual players, see 794.159

.159 Games, matches, tournaments, championships by individual players

.17 Special forms of chess

Blind play, simultaneous play, living chess; automaton, mechanical, electronic chess players

.18 Variants of chess

Chinese (chong-kie), Japanese (hogi), three-dimensional

794.2 Checkers and similar games

.6 Bowling

.7 Ball games

Class table tennis [*formerly* 794.7] in 796.346

For bowling, see 794.6; *athletic games,* 796

.72 Billiards

.73 Pool

795 Games of chance

.01 Theory

Gambling and betting systems, probabilities of winning

.1 Backgammon, craps, other games with dice

.2 Roulette and other wheel and top games

.3 Games dependent on drawing numbers or counters

Including dominoes, mah-jongg

.4 Card games

.41 Games based chiefly on skill

.412 Poker

.413 Whist and bridge whist

.414 Auction bridge

.415 Contract bridge

.415 2 Bidding

.415 3 Play of the hand

.415 4 Scoring systems

.415 8 Collections of games and matches

.416 Pinochle

.418 Rummy and its variants

Including canasta, samba, bolivia

.42 Games based chiefly on chance

Baccarat, faro, twenty-one (blackjack)

795.43 Games and recreations based on position and skill

Including solitaire, patience

.438 Card tricks

796 Athletic and outdoor sports and games

Scope: intramural [*formerly* 371.74], interscholastic [*formerly* 371.75] athletics and games

For aquatic and air sports, see 797; *equestrian sports and animal racing,* 798; *fishing, hunting, shooting,* 799

.019 Sports for specific classes

Divide like 790.019, e.g., sports for girls 796.019 4

.068 Playgrounds

.077 Coaching

SUMMARY

796.1	Miscellaneous games
.2	Active games requiring use of equipment
.3	Ball games
.4	Athletic exercises and gymnastics
.5	Outdoor life
.6	Cycling
.7	Driving motor vehicles
.8	Combat sports
.9	Ice and snow sports

.1 Miscellaneous games

.13 Singing and dancing games

.14 Active games

Leapfrog, hide and seek, puss in corner, prisoner's base

For active games requiring equipment, see 796.2

.15 Play with kites and similar toys

.2 Active games requiring equipment

For ball games, see 796.3

.21 Roller skating

.24 Pitching games

Quoits, horseshoes

796.3 Ball games

SUMMARY

796.31	Ball thrown or hit by hand
.32	Inflated ball thrown or hit by hand
.33	Inflated ball driven by foot
.34	Racket games
.35	Ball driven by club, mallet, bat

.31 Ball thrown or hit by hand

Handball, lawn bowling

.32 Inflated ball thrown or hit by hand

Including net ball

.323 Basketball

Apply to the standard subdivisions the extended meanings of 796.332 020 2 – 796.332 077, e.g., baseketball courts 796.323 068

.323 2 Strategy and tactics

Defensive and offensive play

.323 3 Refereeing

.323 6 Specific types of basketball

For specific games, see 796.323 7; *strategy and tactics,* 796.323 2

.323 62 Precollege

.323 63 College

.323 64 Professional

.323 7 Specific games

.323 72 Intercollegiate games

.323 78 League games

.323 8 Variants

Including basketball for women

.325 Volleyball

796.33 Inflated ball driven by foot
Including pushball

.332 American football
.332 020 2 Handbooks and guides
.332 020 22 Official rules
.332 020 24 Spectators' guides
.332 028 Equipment
Balls, goal posts, safety equipment
Class technique in **796.332 2**

.332 06 Organizations and facilities
Including clubs, leagues

.332 068 Grounds
Layout of gridirons

.332 07 Study and teaching
.332 077 Coaching
.332 2 Strategy and tactics
Defensive and offensive play

.332 22 Formations
T, split-T, spread, single-wing back formations

.332 23 Line play
.332 24 Backfield play
.332 25 Passing
.332 26 Blocking and tackling
.332 27 Kicking
.332 3 Refereeing and umpiring
.332 6 Specific types of American football
Including night football
For specific games, see **796.332 7**; *strategy and tactics,* **796.332 2**

.332 62 Precollege
.332 63 College

796.332 64 Professional
.332 7 Specific games
.332 72 Intercollegiate games
Including "bowl" games

.332 78 League games
.332 8 Variants
Football for women, six-man football, touch football

.333 Rugby
Union and League
Apply to the standard subdivisions the extended meanings of **796.332 020 2 – 796.332 077**, e.g., official rules **796.333 020 22**

.333 2 Strategy and tactics
Defensive and offensive play

.333 23 Forward play
Including scrummaging, line-outs

.333 24 Halfback play
.333 25 Three-quarter play
.333 26 Back play
.333 3 Refereeing and umpiring
.333 6 Specific types of rugby
For specific games, see **796.333 7**; *strategy and tactics,* **796.333 2**

.333 62 Club
Including college and university

.333 63 County
.333 65 International
.333 7 Specific games
.333 72 Club
Including college and university

.333 73 County

796.333 74 Tours

.333 75 International

.333 8 Variants

.334 Soccer (Association football)

Apply to the standard subdivisions the extended meanings of **796.332 020 2 – 796.332 077**, e.g., equipment **796.334 028**

.334 2 Strategy and tactics

Defensive and offensive play

.334 22 Formations

.334 23 Forward play

.334 24 Halfback play

.334 25 Back play

.334 26 Goalkeeping

.334 3 Refereeing and umpiring

.334 6 Specific types of soccer

For specific games, see **796.334 7**; *strategy and tactics,* **796.334 2**

.334 62 Amateur

.334 63 League

.334 64 Cup competition

For World Cup competition, see **796.334 66**

.334 66 International

Including World Cup competition

.334 7 Specific games

Divide like **796.334 6**, e.g., international games **796.334 76**

.334 8 Variants

.335 Canadian football

Apply to the standard subdivisions the extended meanings of **796.332 020 2 – 796.332 077**, e.g. coaching **796.335 077**

.335 2 Strategy and tactics

Defensive and offensive play

796.335 3 Refereeing and umpiring

.335 6 Specific types of Canadian football

For specific games, see **796.335 7**; *strategy and tactics,* **796.335 2**

.335 7 Specific games

.335 8 Variants

.34 Racket games

Including court tennis, paddle tennis

.342 Tennis (Lawn tennis)

Apply to the standard subdivisions the extended meanings of **796.332 020 2 – 796.332.077**, e.g., layout of tennis courts **796.342 068**

.342 2 Strategy and tactics

Defensive and offensive play for men and women

.342 21 Service

.342 22 Forehand

.342 23 Backhand

.342 27 Singles

.342 28 Doubles

.342 3 Refereeing

.343 Rackets and squash

.345 Badminton

.346 Table tennis [*formerly* 794.7]

.347 Lacrosse

.35 Ball driven by club, mallet, bat

SUMMARY

796.352	**Golf**
.353	**Polo**
.354	**Croquet**
.355	**Field hockey**
.357	**Baseball**
.358	**Cricket**

796.352 Golf

Apply to the standard subdivisions the extended meanings of 796.332 020 2 – 796.332 077, e.g., official rules 796.342 020 22

.352 2 Variants

Including miniature golf

.352 3 Tactics of play

For men and women

Scope: grip, swing, adaptation to specific golf courses

.352 32 Play with woods

.352 33 Play with distance irons

.352 34 Play with chipping or pitching irons

.352 35 Putting

.352 4 Refereeing

.352 6 Specific types of golf

For specific games and matches, see 796.352 7; *tactics of play,* 796.352 3

.352 62 Amateur

.352 64 Professional

.352 7 Specific games and matches

.352 72 Amateur

.352 73 Open

.352 74 Professional

.353 Polo

.354 Croquet

.355 Field hockey

796.357 Baseball

Apply to the standard subdivisions the extended meanings of 796.332 020 2 – 796.332 077, e.g., baseball leagues 796.357 06

.357 2 Strategy and tactics

Defensive and offensive play

.357 22 Pitching

.357 23 Catching

.357 24 Infield play

.357 25 Outfield play

.357 26 Batting

.357 27 Base running

.357 3 Umpiring

.357 6 Specific types of baseball

Including night baseball

For specific games, see 796.357 7; *strategy and tactics,* 796.357 2

.357 62 Precollege

Including sandlot baseball

.357 63 College

.357 64 Professional and semiprofessional

.357 7 Specific games

.357 72 Intercollegiate games

.357 78 League games

.357 782 World Series games

.357 8 Variants

Softball, baseball for girls and women, indoor baseball, one old cat

796.358 Cricket

Apply to the standard subdivisions the extended meanings of **796.332 020 2 – 796.332 077**, e.g., equipment **796.358 028**

.358 2 Strategy and tactics

Defensive and offensive play

.358 22 Bowling

.358 23 Fielding

.358 24 Wicket-keeping

.358 26 Batting

.358 3 Umpiring

.358 6 Specific types of cricket

For specific matches, see **796.358 7**; *strategy and tactics,* **796.358 2**

.358 62 Amateur

Including school, college and university

.358 63 County

.358 65 International

.358 7 Specific matches

Divide like **796.358 6**, e.g., international matches **796.358 75**

.358 8 Variants

Including single-wicket cricket

.4 Athletic exercises and gymnastics

.406 8 Gymnasiums and stadiums

.407 7 Coaching

.41 Calisthenics

Gymnastics, setting-up exercises, lifting with dumbbells and weights

.42 Track and field athletics

For jumping, vaulting, throwing, see **796.43**

.420 68 Athletic fields

796.426 Running, sprinting, hurdling

.43 Jumping, vaulting, throwing

.435 Throwing

Shot-putting, discus throwing, javelin hurling

For pitching games, see **796.24**

.44 Horizontal and parallel bars

.46 Trapeze work, rope climbing, wire walking

.47 Acrobatics, tumbling, trampolining, contortion

.48 Olympic games

.5 Outdoor life

.51 Walking

For walking in specific kinds of terrain, see **796.52**

.52 Walking and exploring in specific kinds of terrain

.522 Mountains (Alpinism), hills, rocks

.525 Caves (Spelunking)

.54 Camping

.542 Kinds of camps

.542 2 Institutional

School, church, YMCA, YWCA, scouts

For day camps, see **796.542 3**

.542 3 Day

.545 Activities

Woodcraft, campfires, games

.56 Dude ranching and farming

.6 Cycling

Use of wheeled vehicles driven by manpower

Including bicycle, soapbox racing

.7 Driving motor vehicles

796.72–796.76 Racing

► .72 Automobile

796.75 Motorcycle and motor scooter
.76 Midget car (Karting)

► 796.77–796.79 Driving for pleasure
.77 Sports car
.78 Family car
.79 Trailer travel

.8 Combat sports
Class combat with animals in 791.8

.81 Unarmed combat
.812 Wrestling
.812 2 Continental (Greco-Roman) wrestling
.812 3 Free-style (Catch-as-catch-can) wrestling
.812 5 Sumo (Japanese wrestling)
.815 Jujitsus
.815 01 Kuatsu (Restoration of life)
.815 2 Judo
.815 3 Karate
.815 4 Aikido
.815 9 Other forms
Including kenpo, kung fu, yarwara

.83 Boxing
.86 Fencing

.9 Ice and snow sports
For ice fishing, see 799.12

.91 Ice skating
.92 Snowshoeing
.93 Skiing
.95 Tobogganing and coasting

796.96 Ice games
Including curling

.962 Ice hockey
.97 Iceboating

797 Aquatic and air sports

► 797.1–797.2 Aquatic sports
For fishing, see 799.1

.1 Boating
.12 With specific types of vessels
For boat racing, see 797.14

.122 Canoeing
.123 Rowboating
.124 Sailboating
Including sailing wind-driven yachts [*formerly* 797.14]

.125 Motorboating
Including sailing motor-driven yachts [*formerly* 797.14]

.14 Boat racing and regattas
Class sailing wind-driven yachts in 797.124, motor-driven yachts in 797.125 [*both formerly* 797.14]

.17 Minor methods of navigation
.172 Surf riding
.173 Water skiing

.2 Swimming and diving
Use 797.200 1 – 797.200 9 for standard subdivisions

.203 Water pageantry
.21 Swimming
For submarine swimming, see 797.23

797.23 Submarine swimming

Skin diving, scuba diving

Class springboard and precision diving [*formerly* 797.23] in 797.24

.24 Springboard and precision diving [*formerly* 797.23]

.25 Water games

Including water polo

.5 Air sports

► 797.52–797.54 Flying motor-driven aircraft

.52 Racing

.53 Flying for pleasure

.54 Stunt flying

.55 Gliding and soaring

.56 Parachuting (Skydiving)

798 Equestrian sports and animal racing

► 798.2–798.6 Equestrian sports

.2 Horsemanship

Class training horses for exhibition and riding [*formerly* 798.2] in 636.108 88

For horse racing, see 798.4

.23 Riding

For jumping, see 798.25

[.230 74] Exhibitions

Do not use; class in 798.24

.24 Riding exhibitions

.25 Jumping

798.4 Horse racing

Use 798.400 1 – 798.400 9 for standard subdivisions

.401 Betting [*formerly* 798.48]

Including pari-mutuel

.43 Flat racing

Running (galloping), trotting, pacing

.45 Steeplechasing and hurdling

.46 Harness racing

[.48] Betting

Class in 798.401

.6 Driving and coaching

For harness racing, see 798.46

.8 Racing animals other than horses

799 Fishing, hunting, shooting

Class wildlife conservation practices [*formerly* 799] in 639.9

.1 Fishing

.11 Fresh-water fishing

For specific methods of fishing, see 799.12–799.14; *fishing for specific kinds of fish,* 799.17

► 799.12–799.14 Specific methods of fishing

For fishing for specific kinds of fish, see 799.17

.12 Angling

Still fishing, fly casting, bait casting, spinning, trolling, ice fishing

.13 Net fishing

Including seining

.14 Other methods of fishing

Including spear fishing

799.16 Salt-water fishing

For specific methods of fishing, see **799.12–799.14**; *fishing for specific kinds of fish,* **799.17**

[.160 916 6] In specific bodies of water

Do not use; class in **799.166**

.166 In specific bodies of water

Divide like **551.461–551.469**, e.g., fishing in Gulf of Mexico **799.166 3**

.17 Fishing for specific kinds of fish

Divide like **597.2–597.5**, e.g., trout fishing **799.175 5**

.2 Hunting

.202 8 Techniques and equipment

Selection, care, use of ballistic devices in hunting and shooting

Including blowpipes, boomerangs, spears, bolas, lassos, slings, nets

.202 83 Guns [*formerly* 799.21, 799.31]

.202 832 Rifles

.202 833 Pistols

.202 834 Shotguns

.202 85 Bows and arrows

[.209] Historical and geographical treatment

Do not use; class in **799.29**

► 799.21–799.23 Methods

For specific kinds of animals, see **799.24–799.27**

.21 Shooting game

Class selection, care, use of guns [*formerly* **799.21**] in **799.202 83**

.213 With guns

.215 With bows and arrows

799.23 Hunting with aid of animals

.232 With falcons [*formerly* 799.25]

.234 With dogs [*formerly also* 799.25]

► 799.24–799.27 Specific kinds of animals

.24 Birds

Class small game other than birds [*formerly* **799.24**] in **799.25**

► 799.242–799.244 Of specific habitats

For specific kinds, see **799.248**

.242 Land birds

.243 Bay and shore birds

.244 Waterfowl

.248 Specific kinds

Divide like **598.3–598.9**, e.g., ducks **799.248 4**

.25 Small game other than birds [*formerly* 799.24]

Class hunting with falcons in **799.232**, with dogs in **799.234** [*both formerly* **799.25**]

.255–.259 Specific kinds [*formerly also* 799.27]

Divide like **595–599**, e.g., rabbits **799.259 322**

.26 Big game other than birds

For specific kinds, see **799.27**

.27 Specific kinds of big game other than birds

Class specific kinds of small game other than birds [*formerly* **799.27**] in **799.255–799.259**

.271–.278 Mammals

Divide like **599.1–599.8**, e.g., elephants **799.276 1**

.279 Other

Divide like **595–598**, e.g., crocodiles **799.279 814**

.29 Historical and geographical treatment

Add area notations **1–9** to **799.29**

799.3 **Shooting other than game**

For selection, care, use of ballistic devices, see 799.202 8

.31 With guns

Class selection, care, use of guns [*formerly* 799.31] in 799.202 83

.312 At stationary targets

.313 At moving targets

Trapshooting, skeet shooting

.32 With bows and arrows (Archery)

800

800 Literature (Belles–lettres) and rhetoric

Scope: literature itself, works about literature; school plays [*formerly* 371.895], anecdotes of the law [*formerly* 340.9]

Observe the following table of precedence for works combining two or more literary forms, e.g., English poetic drama 822

Drama
Poetry
Fiction
Essays
Speeches
Letters
Satire and humor
Miscellany

If preferred, give precedence to satire and humor over all other forms

► **801–807 Standard subdivisions of literature**

Class collections and anthologies in 808.8, history, description, critical appraisal, biographical treatment in 809

801 **Philosophy and theory**

.3 **Value, influence, effect**

.9 **Nature and character**

.92 Psychology

Including literature as a product of creative imagination

.93 Esthetics

801.95 Criticism

Theory, technique, history

Class works of critical appraisal in **809**

.950 9 Historical and geographical treatment

Add area notations **1–9** to **801.950 9**

► 801.951–801.957 Criticism of specific literary forms

Observe table of precedence under **800**

For textual criticism, see **801.959**

.951 Poetry

.952 Drama

.953 Fiction

.954 Essays

.955 Speeches

.956 Letters

.957 Satire and humor

.959 Textual criticism

802 Miscellany about literature

[.8] Techniques

Do not use; class in **808.001–808.709**

803 Dictionaries, encyclopedias, concordances

[804] Essays and lectures

Class in **809**

805 Serial publications of and about literature

806 Organizations

807 Study and teaching

808 Rhetoric, collections, anthologies

► **808.001–808.709 Rhetoric (Composition)**

Techniques of oral and written communication for clarity and esthetic pleasure

.001–.009 Standard subdivisions

► 808.02–808.06 General considerations

.02 Authorship and editorial techniques [*formerly* 029.6]

Preparation of manuscripts

Including preparation of theses [*formerly* **378.242**], plagiarism

.023 Research

.025 Writing for publication

.04 Composition in specific languages

For composition for specific purposes and types of readers, see **808.06**

.042 In English

.042 01–.042 09 Standard subdivisions

.042 7 Study of composition thru critical reading

.042 75 Literature for learning composition

Collections and single works for critical reading

.043–.049 In other languages

Divide like **430–490**, e.g., German composition **808.043**; then divide further like **808.042**, e.g., literature for learning German composition **808.043 75**

.06 Composition for specific purposes and types of readers

.066 Professional, technical, expository

Including news and editorial writing [*both formerly* **070.43**], business writing [*formerly* **651.74**]; script writing for motion pictures [*formerly* **791.432**], for radio [*formerly* **791.442**], for television [*formerly* **791.452**]; writing biography [*formerly* **920.002**]

If preferred, class techniques of writing on specific subjects in standard subdivision **014 9**

Use **808.066 000 1 – 808.066 000 9** for standard subdivisions

Divide like **001–999**, e.g., technical writing **808.066 6**; then add **0** and divide further like **420–490**, e.g., technical writing in Spanish **808.066 606**

808.068 For children

.068 1–.068 7 Specific literary forms

Divide like **808.1–808.7**, e.g., storytelling **808.068 543**

.068 8 Expository writing

► **808.1–808.7 Specific literary forms**

Observe table of precedence under **800**

Class specific forms for children in **808.068**

.1 Poetry

.101–.109 Standard subdivisions

.12–.18 Specific kinds

Divide like **808.812–808.818**, e.g., lyric poetry **808.14**

.2 Drama

.201–.209 Standard subdivisions

.22–.25 Specific mediums, scopes, kinds

Divide like **808.822–808.825**, e.g., one-act plays **808.241**

.3 Fiction

.301–.309 Standard subdivisions

.31–.38 Specific scopes and types

Divide like **808.831–808.838**, e.g., science fiction **808.387 6**

.4 Essays

.401–.409 Standard subdivisions

.5 Speech

Scope: voice, expression, gesture

.501–.509 Standard subdivisions

.51 Public speaking (Oratory)

Platform, radio, after-dinner speaking

For debating and public discussion, see **808.53**; *preaching,* **251**

.53 Debating and public discussion

808.54 Recitation

.543 Storytelling

.545 Reading aloud

.55 Choral speaking

.56 Conversation

.6 Letters

.601–.609 Standard subdivisions

.7 Satire and humor

.701–.709 Standard subdivisions

.8 Collections and anthologies of literature

Scope: works emphasizing equally collections of literary texts and history, description, critical appraisal of literature

For history, description, critical appraisal of literature, see **809**

.800 1–.800 4 Of specific periods

Divide like standard subdivisions **090 1 – 090 4**, e.g., collections of 18th century literature **808.800 33**

► 808.801–808.803 Displaying specific features

.801 Specific qualities

Class satire and humor in **808.87**

.801 2 Realism and naturalism

.801 3 Idealism

.801 4 Romanticism

.801 5 Symbolism, allegory, fantasy

.801 6 Tragedy and horror

.802 Specific elements

For specific themes and subjects, see **808.803**

.802 2 Description

.802 3 Narrative

.802 4 Plot

.802 5 Stream of consciousness

808.802 6 Dialog

.802 7 Characters

.803 Specific themes and subjects

Love, pride, nature, religion, law, medicine, children, dogs, the sea, Holy Grail, others

► 808.81–808.88 In specific forms

Observe table of precedence under **800**

Under each subdivision identified by * add **0** and divide like standard subdivisions **090 1 – 090 4**, e.g., 18th century poetry **808.810 33**

SUMMARY

808.81	**Poetry**
.82	**Drama**
.83	**Fiction**
.84	**Essays**
.85	**Speeches**
.86	**Letters**
.87	**Satire and humor**
.88	**Miscellany**

.81 *Poetry

► 808.812–808.818 Specific kinds

.812 Dramatic

.813 Epic

.814 Lyric and balladic

.815 Religious and didactic

.816 Descriptive

For lyric, see **808.814**

.817 Satirical and humorous

For light and ephemeral verse, see **808.818**

.818 Light and ephemeral verse

Including greeting card verse

* Add **0** and divide as instructed under **808.81–808.88**

808.819 Displaying specific features

Divide like **808.801–808.803**, e.g., poetry about dogs **808.819 3**

For poetry of specific kinds, see **808.812–808.818**

.82 *Drama

► 808.822–808.825 Specific mediums, scopes, kinds

► 808.822–808.823 Drama for mass mediums

.822 For radio and television

.823 For motion pictures

.824 Drama of restricted scope

For drama for mass mediums, see **808.822–808.823**

.824 1 One-act plays

.824 5 Monologs

.825 Specific kinds of drama

For drama for mass mediums, see **808.822–808.823**; *drama of restricted scope,* **808.824**

.825 1 Tragedy and serious drama

Including historical, Passion, morality, miracle plays

.825 2 Comedy and melodrama

.825 7 Variety and miscellaneous

.829 Displaying specific features

Divide like **808.801–808.803**, e.g., drama about Lincoln **808.829 27**

For drama of specific mediums, scopes, kinds, see **808.822–808.825**

* Add **0** and divide as instructed under **808.81–808.88**

808.83 *Fiction

► 808.831–808.838 Specific scopes and types

► 808.831–808.836 Specific scopes

For specific types, see **808.838**

.831 Short stories
.832 Novelets and novellas
.833 Novels
.836 Cartoon fiction (Comics)
.838 Specific types
.838 1 Historical and period
.838 3 Sociological, psychological, realistic
.838 4 Occupational
.838 5 Love and romance
.838 7 Adventure
.838 72 Mystery and suspense
.838 74 Western
.838 76 Science
.839 Displaying specific features

Divide like **808.801–808.803**, e.g., fiction about dogs **808.839 3**

For fiction of specific scopes and types, see **808.831–808.838**

.84 *Essays
.849 Displaying specific features

Divide like **808.801–808.803**, e.g., essays on nature **808.849 3**

* Add **0** and divide as instructed under **808.81–808.88**

808.85 *Speeches

► 808.851–808.856 Specific kinds

.851 Public speeches (Oratory)

Platform, radio, after-dinner speeches

Including speeches and toasts for special occasions

For debates and public discussions, see **808.853**

.853 Debates and public discussions
.854 Recitations
.855 Texts for choral speaking
.856 Conversations
.859 Displaying specific features

Divide like **808.801–808.803**, e.g., descriptive speeches **808.859 22**

For speeches of specific kinds, see **808.851–808.856**

.86 *Letters
.869 Displaying specific features

Divide like **808.801–808.803**, e.g., letters on nature **808.869 3**

.87 *Satire and humor
.879 Displaying specific features

Divide like **808.801–808.803**, e.g., literary humor on specific subjects **808.879 3**

.88 *Miscellany

► 808.882–808.888 Specific kinds

.882 Quotations and epigrams
.883 Diaries, journals, reminiscences
.888 Prose literature

For a specific form of prose literature, see the form, e.g., essays **808.84**

* Add **0** and divide as instructed under **808.81–808.88**

808.89 For and by persons having common characteristics

Class literature displaying specific features in **808.801–808.803**

For literature in specific forms, see **808.81–808.88**

.899 Specific characteristics

.899 1 Of specific regions

Not limited by continent, country, locality

Add area notation **1** to **808.899**

For persons of specific classes, see **808.899 2**

.899 2 Of specific classes

.899 201–.899 279 Specific occupations

Divide like **920.1–927.9**, e.g., physicians **808.899 261**

.899 28 Specific age groups and sexes

► 808.899 282 – 808.899 285 Age groups

.899 282 Children

.899 282 6 Boys

.899 282 7 Girls

.899 283 Adolescents

.899 283 6 Young men

.899 283 7 Young women

.899 285 Aged

► 808.899 286 – 808.899 287 Sexes

For age groups, see **808.899 282 – 808.899 285**

.899 286 Men

.899 287 Women

.899 3–.899 9 Resident in specific continents, countries, localities

Add area notations **3–9** to **808.899**

Class literatures of specific languages in **810–890**

For persons of specific classes, see **808.899 2**

[.9] Literatures of artificial languages

Class in **899**

809 History, description, critical appraisal, biographical treatment of literature

Scope: essays and lectures [*both formerly* **804**]

Class theory, technique, history of literary criticism in **801.95**

.01–.04 Of specific periods

Divide like standard subdivisions **090 1 – 090 4**, e.g., 18th century literature **809.033**

.1–.7 In specific forms

Divide like **808.81–808.87**, e.g., science fiction **809.387 6**

.8 For and by persons having common characteristics

For literature in specific forms, see **809.1–809.7**; *displaying specific features,* **809.9**

.89 Specific characteristics

.891 Of specific regions

Not limited by continent, country, locality

Add area notation **1** to **809.89**

For persons of specific classes, see **809.892**

.892 Of specific classes

.892 01–.892 79 Specific occupations

Divide like **920.1–927.9**, e.g., physicians **809.892 61**

.892 8 Specific age groups and sexes

Divide like **808.899 28**, e.g., girls **809.892 827**

.893–.899 Resident in specific continents, countries, localities

Including literature of countries using more than one language [*formerly* **809.94–809.99**]

Add area notations **3–9** to **809.89**

Class literatures of specific languages in **810–890**

For persons of specific classes, see **809.892**

809.9 **Displaying specific features**

For literature in specific forms, see **809.1–809.7**

.91–.92 Specific qualities and elements

Divide like **808.801–808.802**, e.g., tragedy and horror **809.916**

.93 Other

.933 Specific themes and subjects

.935 Emphasizing subject values

Literary appraisal of works not basically literature

Divide like **001–999**, e.g., Bible as literature [*formerly* **220.88**] **809.935 22**

[.94–.99] Literature of countries using more than one language

Class in **809.893–809.899**

► 810–890 Literatures of specific languages

By language in which originally written

Scope: literature in dialect

If preferred, class translations into a language requiring local emphasis with the literature of that language

Divide as below, but, if it is desired to give local emphasis and a shorter number to a specific literature, place it first by use of a letter or other symbol, e.g., literature of Arabic language **8A0** (preceding **810**); then divide as instructed under **820–890**

810 American literature in English

English-language literature of Western Hemisphere and Hawaii

► 810.1–818.5 Standard subdivisions and specific forms

If desired, distinguish literature of a specific country by initial letter, e.g., literature of Canada **C810.1–C818.5**, of United States **U810.1–U818.5**; or, if preferred, class literatures not requiring local emphasis in **819**

.1–.7 **Standard subdivisions**

.8 **Collections and anthologies by more than one author**

Class collected works of single authors not limited to or chiefly identified with one specific form [*formerly* **810.81**] in **818.1–818.5**

.800 1–.800 5 From specific periods

Divide like **810.900 1 – 810.900 5**, e.g., collections of later 20th century United States literature **810.800 54**

.801–.803 Displaying specific features

Divide like **808.801–808.803**, e.g., tragedy **810.801 6**

.809 For and by persons having common characteristics

For literature displaying specific features, see **810.801–810.803**

.809 1 Of specific regions

Add area notation **1** to **810.809**

For persons of specific classes, see **810.809 2**

810.809 2 Of specific classes

.809 201–.809 279 Specific occupations

Divide like **920.1–927.9**, e.g., painters **810.809 275**

.809 28 Specific age groups and sexes

Divide like **808.899 28**, e.g., women **810.809 287**

.809 7–.809 8 Resident in specific countries and localities

Do not use for literatures of specific countries if they are otherwise separately identified as suggested under **810.1–818.5**

Add area notations **7–8** to **810.809**

For persons resident in Hawaii see **810.809 9**; *of specific classes,* **810.809 2**

.809 9 Resident in Hawaii

For persons of specific classes, see **810.809 2**

.9 History, description, critical appraisal, biographical treatment

Class description, critical appraisal, biographical treatment of single authors not limited to or chiefly identified with one specific form in **818.1–818.5**

► 810.900 1 – 810.900 5 Specific periods of United States literature

If literatures of specific countries are separately identified as suggested under **810.1–818.5**, assign appropriate periods to each. Periods for Canadian literature follow:

3 Colonial period to 1867
4 Later 19th century, 1867–1900
5 20th century
52 Early, 1900–1945
54 Later, 1945–

.900 1 Colonial period, 1607–1776

.900 2 Post-Revolutionary period, 1776–1830

.900 3 Middle 19th century, 1830–1861

.900 4 Later 19th century, 1861–1900

.900 5 20th century

.900 52 Early, 1900–1945

.900 54 Later, 1945–

[810.903–.904] Specific periods of United States literature

Do not use; class in **810.900 1 – 810.900 5**

.91–.93 Displaying specific features

Divide like **808.801–808.803**, e.g., tragedy **810.916**

.99 For and by persons having common characteristics

For literature displaying specific features, see **810.91–810.93**

.991 Of specific regions

Add area notation **1** to **810.99**

For persons of specific classes, see **810.992**

.992 Of specific classes

.992 01–.992 79 Specific occupations

Divide like **920.1–927.9**, e.g., Christian clergymen **810.992 2**

.992 8 Specific age groups and sexes

Divide like **808.899 28**, e.g., women **810.992 87**

.997–.998 Resident in specific countries and localities

Do not use for literatures of specific countries if they are otherwise separately identified as suggested under **810.1–818.5**

Add area notations **7–8** to **810.99**

For persons resident in Hawaii, see **810.999**; *of specific classes,* **810.992**

.999 Resident in Hawaii

For persons of specific classes, see **810.992**

► 811–818 Specific forms

Observe table of precedence under **800**

If preferred, class description, critical appraisal, biographical treatment, single and collected works of single authors regardless of form in **818** with or without period subdivision

811 Poetry

.001–.007 Standard subdivisions

.008 Collections and anthologies by more than one author

.008 01–.008 03 Displaying specific features

Divide like **808.801–808.803**, e.g., poetry about persons **811.008 027**

.009 History, description, critical appraisal, biographical treatment

.009 1–.009 3 Displaying specific features

Divide like **808.801–808.803**, e.g., dialog in poetry **811.009 26**

.02–.08 Specific kinds

History, description, critical appraisal, biographical treatment, collections of works of more than one author

Divide like **808.812–808.818**, e.g., lyric poetry **811.04**

.1–.5 Specific periods

Divide like **810.900 1 – 810.900 5**, e.g., early 20th century United States poetry **811.52**

Class in each period without further subdivision description, critical appraisal, biographical treatment, single and collected works of single authors regardless of kind of poetry

Under each period use **01–09** for standard subdivisions, dividing **08–09** like **811.008–811.009**, e.g., critical appraisal of dialog **092 6**

812 Drama

.001–.009 Standard subdivisions

Divide like **811.001–811.009**, e.g., critical appraisal of dialog **812.009 26**

.02–.05 Specific mediums, scopes, kinds

History, description, critical appraisal, biographical treatment, collections of works of more than one author

Divide like **808.822–808.825**, e.g., comedy drama **812.052**

.1–.5 Specific periods

Divide like **810.900 1 – 810.900 5**, e.g., early 20th century United States drama **812.52**

Class in each period without further subdivision description, critical appraisal, biographical treatment, single and collected works of single authors regardless of medium, scope, or kind of drama

Under each period use **01–09** for standard subdivisions, dividing **08–09** like **811.008–811.009**, e.g., critical appraisal of dialog **092 6**

813 Fiction

If preferred, do not class works of fiction

.001–.009 Standard subdivisions

Divide like **811.001–811.009**, e.g., critical appraisal of dialog **813.009 26**

.01–.08 Specific scopes and types

History, description, critical appraisal, biographical treatment, collections of works of more than one author

Divide like **808.831–808.838**, e.g., short stories **813.01**

.1–.5 Specific periods

Divide like **810.900 1 – 810.900 5**, e.g., early 20th century United States fiction **813.52**

Class in each period without further subdivision description, critical appraisal, biographical treatment, single and collected works of single authors regardless of scope or type of fiction

Under each period use **01–09** for standard subdivisions, dividing **08–09** like **811.008–811.009**, e.g., critical appraisal of dialog **092 6**

814 Essays

.001–.009 Standard subdivisions

Divide like **811.001–811.009**, e.g., collections of essays displaying specific features **814.008 01 – 814.008 03**

.1–.5 Specific periods

Divide like **810.900 1 – 810.900 5**, e.g., early 20th century United States essays **814.52**

Class in each period without further subdivision description, critical appraisal, biographical treatment, single and collected works of single authors

Under each period use **01–09** for standard subdivisions, dividing **08–09** like **811.008–811.009**, e.g., collections of essays displaying specific features **080 1 – 080 3**

815 Speeches

.001–.009 Standard subdivisions

Divide like **811.001–811.009**, e.g., critical appraisal **815.009**

.01–.06 Specific kinds

History, description, critical appraisal, biographical treatment, collections of works of more than one person

Divide like **808.851–808.856**, e.g., conversations **815.06**

.1–.5 Specific periods

Divide like **810.900 1 – 810.900 5**, e.g., early 20th century United States speeches **815.52**

Class in each period without further subdivision description, critical appraisal, biographical treatment, single and collected works of single authors regardless of kind of speeches

Under each period use **01–09** for standard subdivisions, dividing **08–09** like **811.008–811.009**, e.g., collections of speeches displaying specific features **080 1 – 080 3**

816 Letters

.001–.009 Standard subdivisions

Divide like **811.001–811.009**, e.g., collections of letters displaying specific features **816.008 01 – 816.008 03**

.1–.5 Specific periods

Divide like **810.900 1 – 810.900 5**, e.g., early 20th century United States letters **816.52**

Class in each period without further subdivision description, critical appraisal, biographical treatment, single and collected works of single authors

Under each period use **01–09** for standard subdivisions, dividing **08–09** like **811.008–811.009**, e.g., collections of letters about persons **080 27**

817 Satire and humor

.001–.009 Standard subdivisions

Divide like **811.001–811.009**, e.g., critical appraisal of dialog **817.009 26**

.1–.5 Specific periods

Divide like **810.900 1 – 810.900 5**, e.g., early 20th century United States satire and humor **817.52**

Class in each period without further subdivision description, critical appraisal, biographical treatment, single and collected works of single authors

Under each period use **01–09** for standard subdivisions, dividing **08–09** like **811.008–811.009**, e.g., collections of satire and humor about persons **080 27**

818 Miscellany

(Optional: class here with or without period subdivision description, critical appraisal, biographical treatment, single and collected works of single authors regardless of form; prefer **811–818**)

.001–.007 Standard subdivisions

.008 Collections and anthologies by more than one author

.009 History, description, critical appraisal, biographical treatment

818.02–.08 Specific kinds

History, description, critical appraisal, biographical treatment, collections of works of more than one author

Divide like **808.882–808.888**, e.g., quotations and epigrams **818.02**

► **818.1–818.5 Specific periods of United States miscellany**

Scope: collected works of single authors not limited to or chiefly identified with one specific form [*formerly* **810.81**]

If literatures of specific countries are separately identified as suggested under **810.1–818.5**, assign appropriate periods to each as suggested under **810.900 1 – 810.900 5**

.1 Colonial period, 1607–1776

.102 Quotations and epigrams

Including description, critical appraisal, biographical treatment, single and collected works of single authors

.102 01–.102 09 Standard subdivisions

Divide like **818.001–818.009**, e.g., collections and anthologies by more than one author **818.102 08**

.103 Diaries, journals, reminiscences

Including description, critical appraisal, biographical treatment, single and collected works of single authors

.103 01–.103 09 Standard subdivisions

Divide like **818.001–818.009**, e.g., collections and anthologies by more than one author **818.103 08**

818.108 Prose literature

Including description, critical appraisal, biographical treatment, collected works of single authors

For a specific form of prose literature, see the form, e.g., essays **814**

.108 01–.108 09 Standard subdivisions

Divide like **818.001–818.009**, e.g., collections and anthologies by more than one author **818.108 08**

.109 Single authors not limited to or chiefly identified with one specific form

Description, critical appraisal, biographical treatment, collected works

.2–.5 Other periods

Divide like **810.900 2 – 810.900 5**, e.g., early 20th century United States miscellany **818.52**; then add **0** and divide further like **818.1**, e.g., collected works of a single early 20th century United States author not limited to or chiefly identified with one specific form **818.520 9**

819 Literatures not requiring local emphasis

In libraries emphasizing United States literature: Canadian and other; in libraries emphasizing Canadian literature: United States and other

(Optional; prefer **810.1–818.5**)

820–890 Other literatures

Divide each literature identified by * like **810.1–818.5**, e.g., history, description, critical appraisal, biographical treatment of Dutch literature displaying specific features **839.310 91 – 839.310 93**. Under literatures having more than one entry in this table, divide each entry identified by * like the corresponding number or numbers under **810.1–818.5**, e.g., English lyric poetry **821.04**. Note, however, in subdivision **09** that period divisions and geographical range of authors are different for each specific literature, and are shown below where their use is recommended; they may be supplied elsewhere as needed, for literatures requiring local emphasis, by use of letter notation

820 Of English and Anglo-Saxon languages

Use **820.01–820.09** for standard subdivisions

820.1–828.9 English

If desired, distinguish literature of a specific country by initial letter, e.g., literature of England **E820.1–E828.9**, of Ireland **Ir820.1–Ir828.5**, of Scotland **S820.1–S828.9**, of Wales **W820.1–W828.9** (or of all British Isles **B820.1–B828.9**), of Australia **A820.1–A828.3**, of India **In820.1–In828.3**; or, if preferred, class literatures not requiring local emphasis in **828.99**

For American literature in English, see **810**

.1–.7 **Standard subdivisions**

.8 ***Collections and anthologies by more than one author**

.9 ***History, description, critical appraisal, biographical treatment**

* Divide as instructed under **820–890**

820.900 1 – 820.900 9 Historical periods of British literature

If literatures of specific countries are separately identified as suggested under **820.1–828.9**, assign appropriate periods to each. Periods for literatures of certain countries follow:

Asian countries:

1 Early period to 1858
2 1858–1947
3 Later 20th century, 1947–

Australia:

1 Early period to 1890
2 Early 20th century, 1890–1945
3 Later 20th century, 1945–

Ireland:

1 Medieval and early modern to 1660
2 Late 17th and 18th centuries, 1660–1800
3 19th century, 1800–1900
4 Irish literary revival, 1900–1945
5 Later 20th century, 1945–

New Zealand:

1 Early period to 1907
2 20th century, 1907–

South Africa:

1 To 1909
2 Early 20th century, 1909–1961
3 Later 20th century, 1961–

820.900 1 Early English period, 1066–1400
.900 2 Pre-Elizabethan period, 1400–1558
.900 3 Elizabethan period, 1558–1625
.900 4 Post-Elizabethan period, 1625–1702
.900 5 Queen Anne period, 1702–1745
.900 6 Later 18th century, 1745–1800
.900 7 Early 19th century, 1800–1837
.900 8 Victorian period, 1837–1900
.900 9 1900–
.900 91 20th century
.900 912 Early, 1900–1945
.900 914 Later, 1945–

820.994–.999 For and by persons resident in specific countries and localities

Do not use for literatures of specific countries if they are otherwise separately identified as suggested under **820.1–828.9**

Add area notations **4–6, 9** to **820.99**

► **821–828 Specific forms**

Observe table of precedence under **800**

If preferred, class description, critical appraisal, biographical treatment, single and collected works of single authors regardless of form in **828** with or without period subdivision

821 *Poetry

822 *Drama

.3 Elizabethan period, 1558–1625

.33 William Shakespeare

If desired, subarrange works about and by Shakespeare according to the following table, which may be adapted for use with any specific author:

A Authorship controversies
(Optional: bibliography; prefer **016**)
B Biography
D Critical appraisal
For individual works, see **O-Z**
E Textual criticism
For individual works, see **O-Z**
F Sources, allusions, learning
G Societies, concordances, miscellany
H Quotations, condensations, adaptations
(Optional: tales based on Shakespeare; prefer fiction under specific literature)
I Complete works in English without notes
J Complete works in English with notes
K Complete works in translation
L Partial collections in English without notes
M Partial collections in English with notes
N Partial collections in translation

O-Z Individual works
Under each, use first number for texts, second number for descriptive and critical works, e.g., text of Hamlet **S7**, criticism of Hamlet **S8**

* Divide as instructed under 820–890

O-R Comedies
O1–2 All's well that ends well
O3–4 As you like it
O5–6 The comedy of errors
O7–8 Love's labour's lost
P1–2 Measure for measure
P3–4 The merchant of Venice
P5–6 The merry wives of Windsor
P7–8 A midsummer night's dream
Q1–2 Much ado about nothing
Q3–4 The taming of the shrew
Q5–6 The tempest
Q7–8 Twelfth night
R1–2 The two gentlemen of Verona
R3–4 The winter's tale

S-V Tragedies
S1–2 Antony and Cleopatra
S3–4 Coriolanus
S5–6 Cymbeline
S7–8 Hamlet
T1–2 Julius Caesar
T3–4 King Lear
T5–6 Macbeth
T7–8 Othello
U1–2 Pericles
U3–4 Romeo and Juliet
U5–6 Timon of Athens
U7–8 Titus Andronicus
V1–2 Troilus and Cressida

W-X Histories
W1–2 Henry IV, parts 1–2
W3–4 Henry V
W5–6 Henry VI, parts 1–3
W7–8 Henry VIII
X1–2 King John
X3–4 Richard II
X5–6 Richard III

Y1–2 Poems
For specific poems, see **Y3–8**

Y3–8 Specific poems
Y3–4 Venus and Adonis
Y5–6 The rape of Lucrece
Y7–8 Sonnets

Z Spurious and doubtful works

823 *Fiction

If preferred, do not class works of fiction

824 *Essays

825 *Speeches

826 *Letters

827 *Satire and humor

828 *Miscellany

(Optional: class here with or without period subdivision description, critical appraisal, biographical treatment, single and collected works of single authors regardless of form; prefer **821–828**)

.99 English-language literatures not requiring local emphasis

In libraries emphasizing British literature: Australian, Indian, other; in libraries emphasizing Australian literature: British, Indian, other

(Optional; prefer **820.1–828.9**)

829 Anglo-Saxon (Old English)

.1 Poetry

For Caedmon, see **829.2**; *Beowulf,* **829.3**; *Cynewulf,* **829.4**

.2 Caedmon

.3 Beowulf

.4 Cynewulf

* Divide as instructed under **820–890**

830 Of Germanic languages

Use **830.01–830.09** for standard subdivisions

► 830.1–838.9 German

.1–.7 Standard subdivisions

.8 *Collections and anthologies by more than one author

.9 *History, description, critical appraisal, biographical treatment

► 830.900 1 – 830.900 9 Historical periods

.900 1 Early medieval period to 1150

.900 2 Later medieval period, 1150–1300

.900 3 Period of decline, 1300–1517

.900 4 Reformation period, 1517–1625

.900 5 Period of imitation, 1625–1750

.900 6 Classical period, 1750–1830

.900 7 Postclassical period, 1830–1856

.900 8 Later 19th century, 1856–1900

.900 9 1900–

.900 91 20th century

.900 912 Early, 1900–1945

.900 914 Later, 1945–

.994–.999 For and by persons resident in specific countries and localities

Add area notations **4–9** to **830.99**

► 831–838 Specific forms

Observe table of precedence under **800**

If preferred, class description, critical appraisal, biographical treatment, single and collected works of single authors regardless of form in **838** with or without period subdivision

831 *Poetry

832 *Drama

* Divide as instructed under **820–890**

833 *Fiction

If preferred, do not class works of fiction

834 *Essays

835 *Speeches

836 *Letters

837 *Satire and humor

838 *Miscellany

(Optional: class here with or without period subdivision description, critical appraisal, biographical treatment, single and collected works of single authors regardless of form; prefer **831–838**)

839 Other Germanic languages

Divide like **439**, e.g., literature of Frisian language **839.2**; if the single entry or any one of the several entries for a specific language under **439** is identified by *, divide its literature further as instructed under **820–890**, e.g., Frisian drama **839.22**, Old Norse poetry **839.61**. Entered below are those specific languages for which the use of period divisions is recommended

For literatures of English and Anglo-Saxon languages, see **820**

.2 *Frisian

.209 001 Early period to 1609
.209 002 17th–18th centuries, 1609–1800
.209 003 19th century, 1800–1900
.209 004 20th century, 1900–

.3 Dutch, Flemish, Afrikaans

.31 *Dutch

.310 900 1 Medieval period to 1450
.310 900 2 Renaissance period, 1450–1600
.310 900 3 17th century
.310 900 4 18th century
.310 900 5 19th century
.310 900 6 20th century
.310 900 62 Early, 1900–1945
.310 900 64 Later, 1945–

* Divide as instructed under **820–890**

839.32 *Flemish

.320 900 5–.320 900 6 Historical periods

Divide like **839.310 900 5 – 839.310 900 6**, e.g., history of Flemish literature of 19th century **839.320 900 5**

.36 *Afrikaans

.360 900 1 Early period to 1875
.360 900 2 1875–1904
.360 900 3 Early 20th century, 1904–1924
.360 900 4 Mid-20th century, 1924–1961
.360 900 5 Later 20th century, 1961–

.4 *Low German (Plattdeutsch)

.409 001 Early period to 1600
.409 002 17th–19th centuries, 1600–1900
.409 003 20th century, 1900–

.6 West Scandinavian languages

.61–.68 *Old Norse (Old Icelandic)

.69 *Modern Icelandic

.690 900 1 Early period, 1500–1720
.690 900 2 Age of enlightenment, 1720–1835
.690 900 3 Renaissance, 1835–1900
.690 900 4 20th century, 1900–

.7 *Swedish

.709 001 Medieval period to 1520
.709 002 Reformation period, 1520–1640
.709 003 Age of Stjernhjelm, 1640–1740
.709 004 Age of Dalin, 1740–1780
.709 005 Age of Gustavus, 1780–1800
.709 006 19th century
.709 007 20th century
.709 007 2 Early, 1900–1945
.709 007 4 Later, 1945–

* Divide as instructed under **820–890**

839.8 Danish and Norwegian

.81 *Danish

.810 900 1 Medieval period to 1500

.810 900 2 Reformation period, 1500–1560

.810 900 3 Learned period, 1560–1700

.810 900 4 Age of Holberg, 1700–1750

.810 900 5 Period of enlightenment, 1750–1800

.810 900 6 19th century

.810 900 7 20th century

.810 900 72 Early, 1900–1945

.810 900 74 Later, 1945–

.82 *Norwegian (Bokmaal)

.820 900 1–.820 900 7 Historical periods

Divide like **839.810 900 1 – 839.810 900 7**, e.g., history of Norwegian (Bokmaal) literature of 19th century **839.820 900 6**

.83 *New Norse (Landsmaal)

.830 900 6–.830 900 7 Historical periods

Divide like **839.810 900 6 – 839.810 900 7**, e.g., history of New Norse (Landsmaal) literature of later 20th century **839.830 900 74**

* Divide as instructed under **820–890**

► 840–860 Of Romance languages

Class comprehensive works in **879.9**

840 French, Provençal, Catalan

Use **840.01–840.09** for standard subdivisions

► 840.1–848.9 French

If desired, distinguish literature of a specific country by initial letter, e.g., literature of Canada **C840.1–C848.5**, of France **F840.1–F848.9**; or, if preferred, class literatures not requiring local emphasis in **848.99**

.1–.7 **Standard subdivisions**

.8 ***Collections and anthologies by more than one author**

.9 ***History, description, critical appraisal, biographical treatment**

* Divide as instructed under **820–890**

► 840.900 1 – 840.900 9 Historical periods of literature of France

If literatures of specific countries are separately identified as suggested under **840.1–848.9**, assign appropriate periods to each. Periods for literatures of Belgium and Canada follow:

Belgium:

1	Early period to 1830
2	19th century, 1830–1900
3	20th century
32	Early, 1900–1945
34	Later, 1945–

Canada:

3	Colonial period to 1867
4	Later 19th century, 1867–1900
5	20th century
52	Early, 1900–1945
54	Later, 1945–

840.900 1	Early period to 1400
.900 2	15th century
.900 3	16th century
.900 4	Classical period, 1600–1715
.900 5	18th century, 1715–1789
.900 6	Revolution and Empire, 1789–1815
.900 7	Constitutional monarchy, 1815–1848
.900 8	Later 19th century, 1848–1900
.900 9	1900–
.900 91	20th century
.900 912	Early, 1900–1945
.900 914	Later, 1945–
.994–.999	For and by persons resident in specific countries and localities

Do not use for literatures of specific countries if they are otherwise separately identified as suggested under **840.1–848.9**

Add area notations **4–9** to **840.99**

► 841–848 Specific forms

Observe table of precedence under **800**

If preferred, class description, critical appraisal, biographical treatment, single and collected works of single authors regardless of form in **848** with or without period subdivision

841 *Poetry

842 *Drama

843 *Fiction

If preferred, do not class works of fiction

844 *Essays

845 *Speeches

846 *Letters

847 *Satire and humor

848 *Miscellany

(Optional: class here with or without period subdivision description, critical appraisal, biographical treatment, single and collected works of single authors regardless of form; prefer **841–848**)

.99 French-language literatures not requiring local emphasis

In libraries emphasizing Canadian literature: literature of France, Belgium, other; in libraries emphasizing literature of France: literature of Canada, Belgium, other

(Optional: prefer **840.1–848.9**)

* Divide as instructed under **820–890**

849 Provençal and Catalan

Use **849.001–849.009** for standard subdivisions

► **849.01–849.85 Provençal**

.01–.07 Standard subdivisions

.08 *Collections and anthologies by more than one author

.09 *History, description, critical appraisal, biographical treatment

► 849.090 01 – 849.090 05 Historical periods

.090 01 Early period to 1100

.090 02 Golden age, 1100–1300

.090 03 14th and 15th centuries

.090 04 Decline and revival, 1500–1900

.090 05 20th century

.090 052 Early, 1900–1945

.090 054 Later, 1945–

.1–.8 *Specific forms

.9 *Catalan

.909 001 First period to 1350

.909 002 Second period, 1350–1450

.909 003 Golden age, 1450–1500

.909 004 Decline and revival, 1500–1900

.909 005 20th century

.909 005 2 Early, 1900–1945

.909 005 4 Later, 1945–

* Divide as instructed under **820–890**

850 Italian, Romanian, Rhaeto-Romanic

Use **850.01–850.09** for standard subdivisions

► **850.1–858.9 Italian**

.1–.7 Standard subdivisions

.8 *Collections and anthologies by more than one author

.9 *History, description, critical appraisal, biographical treatment

► 850.900 1 – 850.900 9 Historical periods

.900 1 Early period to 1375

.900 2 Period of classical learning, 1375–1492

.900 3 Age of Leo X, 1492–1542

.900 4 Later 16th century, 1542–1585

.900 5 Period of decline, 1585–1748

.900 6 Period of renovation, 1748–1814

.900 7 Early 19th century, 1814–1859

.900 8 Later 19th century, 1859–1900

.900 9 1900–

.900 91 20th century

.900 912 Early, 1900–1945

.900 914 Later, 1945–

.994–.999 For and by persons resident in specific countries and localities

Add area notations **4–9** to **850.99**

► **851–858 Specific forms**

Observe table of precedence under **800**

If preferred, class description, critical appraisal, biographical treatment, single and collected works of single authors regardless of form in **858** with or without period subdivision

851 *Poetry

852 *Drama

* Divide as instructed under **820–890**

853 *Fiction

If preferred, do not class fiction

854 *Essays

855 *Speeches

856 *Letters

857 *Satire and humor

858 *Miscellany

(Optional: class here with or without period subdivision description, critical appraisal, biographical treatment, single and collected works of single authors regardless of form; prefer **851–858**)

859 Romanian and Rhaeto-Romanic

Use **859.001–859.009** for standard subdivisions

► **859.01–859.83 Romanian**

.01–.07 Standard subdivisions

.08 *Collections and anthologies by more than one author

.09 *History, description, critical appraisal, biographical treatment

► 859.090 01 – 859.090 03 Historical periods

.090 01 Early period to 1800

.090 02 19th century, 1800–1900

.090 03 20th century

.090 032 Early, 1900–1945

.090 034 Later, 1945–

.1–.8 *Specific forms

.9 Rhaeto-Romanic languages

* Divide as instructed under **820–890**

860 Spanish and Portuguese

Use **860.01–860.09** for standard subdivisions

► **860.1–868.6 Spanish**

If desired, distinguish literature of a specific country by initial letter, e.g., literature of Chile **Ch860.1–Ch868.4**, of Colombia **Co860.1–Co868.4**, of Mexico **M860.1–M868.4** (or, of all American countries **A860.1–A868.4**), of Spain **S860.1–S868.6**; or, if preferred, class literatures not requiring local emphasis in **868.99**

.1–.7 Standard subdivisions

.8 *Collections and anthologies by more than one author

.9 *History, description, critical appraisal, biographical treatment

► 860.900 1 – 860.900 6 Historical periods of literature of Spain

If literatures of specific countries are separately identified as suggested under **860.1–868.6**, assign appropriate periods to each. Periods for Hispanic-American literatures follow:

1 Colonial and revolutionary period, 1519–1826
2 19th century, 1826–1888
3 Period of modernism and realism, 1888–1910
4 20th century, 1910–
42 Early, 1910–1945
44 Later, 1945–

.900 1 Early period to 1369

.900 2 Age of imitation, 1369–1516

.900 3 Golden age, 1516–1700

.900 4 18th century

.900 5 19th century

.900 6 20th century

.900 62 Early, 1900–1945

.900 64 Later, 1945–

* Divide as instructed under **820–890**

860.994–.999 For and by persons resident in specific countries and localities

Do not use for literatures of specific countries if they are otherwise separately identified as suggested under **860.1–868.6**

Add area notations **4–9** to **860.99**

► **861–868 Specific forms**

Observe table of precedence under **800**

If preferred, class description, critical appraisal, biographical treatment, single and collected works of single authors regardless of form in **868** with or without period subdivision

861 *Poetry

862 *Drama

863 *Fiction

If preferred, do not class works of fiction

864 *Essays

865 *Speeches

866 *Letters

867 *Satire and humor

868 *Miscellany

(Optional: class here with or without period subdivision description, critical appraisal, biographical treatment, single and collected works of single authors regardless of form; prefer **861–868**)

.99 Spanish-language literatures not requiring local emphasis

In libraries emphasizing Mexican literature: literature of other Hispanic-American countries and of Spain, other; in libraries emphasizing literature of Spain: Hispanic-American and other

(Optional: prefer **860.1–868.6**)

* Divide as instructed under **820–890**

869 Portuguese

► 869.01–869.84 Standard subdivisions and specific forms

Scope: literature in Galician (Gallegan) dialect [*formerly* **869.9**]

If desired, distinguish literature of a specific country by initial letter, e.g., literature of Brazil **B869.01–B869.84**, of Portugal **P869.01–P869.84**; or, if preferred, class literatures not requiring local emphasis in **869.899**

.01–.07 Standard subdivisions

.08 *Collections and anthologies by more than one author

.09 *History, description, critical appraisal, biographical treatment

► 869.090 01 – 869.090 04 Historical periods of literature of Portugal

If literatures of specific countries are separately identified as suggested under **869.01–869.84**, assign appropriate periods to each. Periods for Brazilian literature follow:

1 Period of formation, 1500–1750
2 Period of transformation, 1750–1830
3 Period of growing autonomy, 1830–1921
4 20th century, 1921–

.090 01 Early period to 1500

.090 02 16th–18th centuries, 1500–1800

.090 03 19th century

.090 04 20th century

.090 041 Early, 1900–1945

.090 042 Later, 1945–

.099 4–.099 9 For and by persons resident in specific countries and localities

Do not use for literatures of specific countries if they are otherwise separately identified as suggested under **869.01–869.84**

Add area notations **4–9** to **869.099**

* Divide as instructed under **820–890**

.1–.8 *Specific forms

.899 **Literatures not requiring local emphasis**

In libraries emphasizing Brazilian literature: literature of Portugal and other; in libraries emphasizing literature of Portugal: Brazilian and other

(Optional: prefer 869.01–869.84)

[.9] **Galician (Gallegan)**

Class in 869.01–869.84

870 Of Italic languages

Use 870.01–870.09 for standard subdivisions

► **870.1–878.04 Latin**

Classical Latin; classical revival (medieval and modern) Latin [*formerly* 879]

.1–.7 **Standard subdivisions**

.8 ***Collections and anthologies by more than one author**

Class collected works of single authors not limited to or chiefly identified with one specific form [*formerly* 870.81] in 878.01–878.04

.9 ***History, description, critical appraisal, biographical treatment**

► 870.900 1 – 870.900 4 Historical periods

.900 1 Roman period to ca. 500

.900 2 Pre-Carolingian period, ca. 500–ca. 750

.900 3 Medieval period, ca. 750–1350

.900 4 Modern period, 1350–

.993–.999 By and for persons resident in specific countries and localities

Add area notations 3–9 to 870.99

* Divide as instructed under 820–890

► **871–878 Specific forms**

Observe table of precedence under 800

If preferred, class description, critical appraisal, biographical treatment, single and collected works of single authors regardless of form in 878 with or without period subdivision

871 Poetry

For dramatic poetry, see 872; *epic poetry,* 873; *lyric poetry,* 874

.001–.009 *Standard subdivisions

.01–.04 Specific periods

Divide like 870.900 1 – 870.900 4, e.g., poetry of Roman period 871.01

Class in each period without further subdivision description, critical appraisal, biographical treatment, single and collected works of single authors

Under each period use 01–09 for standard subdivisions, dividing 08–09 like 811.008–811.009, e.g., critical appraisal of dialog 092 6

872 Dramatic poetry and drama

Divide like 871, e.g., history 872.009

873 Epic poetry and fiction

Divide like 871, e.g., collections of Roman period 873.010 8

874 Lyric poetry

Divide like 871, e.g., collections of modern period 874.040 8

875 Speeches

Divide like 871, e.g., critical appraisal 875.009

876 Letters

Divide like 871, e.g., collections of medieval period 876.030 8

877 Satire and humor

Divide like 871, e.g., collections 877.008

* Divide as instructed under 820–890

878 Miscellany

(Optional: class here with or without period subdivision description, critical appraisal, biographical treatment, single and collected works of single authors regardless of form; prefer **871–878**)

.000 1–.000 9 Standard subdivisions

Divide like **818.001–818.009**, e.g., collections by more than one author **878.000 8**

.002–.008 Specific kinds

History, description, critical appraisal, biographical treatment, collections of works of more than one author

Divide like **808.882–808.888**, e.g., quotations and epigrams **878.002**

.01–.04 Specific periods

Scope: collected works of single authors not limited to or chiefly identified with one specific form [*formerly* **870.81**]

Divide like **870.900 1 – 870.900 4**, e.g., miscellany of modern period **878.04**; then add **0** and divide further like **818.1**, e.g., quotations and epigrams of modern period **878.040 2**

879 Other Italic languages

Class classical revival (medieval and modern) Latin literature [*formerly* **879**] in **870.1–878.04**

.9 Romance languages

Class literatures of specific Romance languages in **840–860**

.99 Osco-Umbrian languages

880 Of classical languages and modern Greek

For literature of Latin language, see **870.1–878.04**

.01–.09 Standard subdivisions of literature of classical languages

► 880.1–888.03 Classical Greek

Ancient Greek; medieval (Byzantine) Greek [*formerly* **889**]

.1–.7 Standard subdivisions

.8 *Collections and anthologies by more than one author

Class collected works of single authors not limited to or chiefly identified with one specific form [*formerly* **880.81**] in **888.01–888.03**

.9 *History, description, critical appraisal, biographical treatment

► 880.900 1 – 880.900 3 Historical periods

.900 1 Ancient period to ca. 500

.900 2 Medieval and Byzantine periods, ca. 500–1600

.900 3 Modern period, 1600–

.993–.999 By and for persons resident in specific countries and localities

Add area notations **3–9** to **880.99**

► 881–888 Specific forms

Observe table of precedence under **800**

If preferred, class description, critical appraisal, biographical treatment, single and collected works of single authors regardless of form in **888** with or without period subdivision

881 Poetry

For dramatic poetry, see **882**; *epic poetry,* **883**; *lyric poetry,* **884**

.001–.009 *Standard subdivisions

* Divide as instructed under **820–890**

881.01–.03 Specific periods

Divide like **880.900 1 – 880.900 3**, e.g., poetry of ancient period **881.01**

Class in each period without further subdivision description, critical appraisal, biographical treatment, single and collected works of single authors

Under each period use **01–09** for standard subdivisions, dividing **08–09** like **811.008–811.009**, e.g., critical appraisal of dialog **092 6**

882 Dramatic poetry and drama

Divide like **881**, e.g., history **882.009**

883 Epic poetry and fiction

Divide like **881**, e.g., collections of ancient period **883.010 8**

884 Lyric poetry

Divide like **881**, e.g., single authors of modern period **884.03**

885 Speeches

Divide like **881**, e.g., history of ancient Greek oratory **885.010 9**

886 Letters

Divide like **881**, e.g., collections of Byzantine period **886.020 8**

887 Satire and humor

Divide like **881**, e.g., collections **887.008**

888 Miscellany

(Optional: class here with or without period subdivision description, critical appraisal, biographical treatment, single and collected works of single authors regardless of form; prefer **881–888**)

.000 1–.000 9 Standard subdivisions

Divide like **818.001–818.009**, e.g., collections by more than one author **888.000 8**

888.002–.008 Specific kinds

History, description, critical appraisal, biographical treatment, collections of works of more than one author

Divide like **808.882–808.888**, e.g., quotations and epigrams **888.002**

.01–.03 Specific periods

Scope: collected works of single authors not limited to or chiefly identified with one specific form [*formerly* **880.81**]

Divide like **880.900 01 – 880.900 3**, e.g., miscellany of ancient period **888.01**; then add **0** and divide further like **818.1**, e.g., quotations and epigrams of ancient period **888.010 2**

889 *Modern Greek

Katharevusa and Demotic

Class medieval (Byzantine) Greek literature [*formerly* **889**] in **880.1–888.03**

.090 01	Early period to 1821
.090 02	19th century, 1821–1900
.090 03	20th century
.090 032	Early, 1900–1945
.090 034	Later, 1945–

* Divide as instructed under **820–890**

890 Of other languages

891 East Indo-European and Celtic languages

Divide like **491**, e.g., literature of modern Persian language **891.55**; if the single entry or any one of the several entries for a specific language under **491** is identified by *, divide its literature further as instructed under **820–890**, e.g., modern Persian poetry **891.551**, Wendish poetry **891.881**. Entered below are those specific languages for which the use of period divisions is recommended

.4 Modern Indic languages

Add **090 0** to each and divide further as follows, e.g., history of contemporary Hindi literature **891.430 900 7**

1 To 1345
2 1345–1645
3 1645–1845
4 1845–1895
5 1895–1920
6 1920–1940
7 1940–

.5 Iranian languages

.55 *Modern Persian

.550 900 1 Period of formal development, ca. 1000–1389

.550 900 2 Period of traditionalism, 1389–1900

.550 900 3 20th century, 1900–

.6 Celtic languages

.62 *Irish Gaelic

.620 900 1 Early period to 1171

.620 900 2 Period of decline, 1171–1700

.620 900 3 Period of renaissance, 1700–1850

.620 900 4 Modern period, 1850–

.66 *Welsh

.660 900 1 Early period to 1600

.660 900 2 Later period, 1600–

* Divide as instructed under **820–890**

891.7 East Slavic languages

Use **891.700 1 – 891.700 9** for standard subdivisions

► 891.701–891.784 Russian

.701–.707 Standard subdivisions

.708 *Collections and anthologies by more than one author

.709 *History, desicription, critical appraisal, biographical treatment

► 891.709 001 – 891.709 004 Historical periods

.709 001 Early period to 1700

.709 002 18th century, 1700–1800

.709 003 19th century, 1800–1917

.709 004 20th century, 1917–

.709 004 2 Early, 1917–1945

.709 004 4 Later, 1945–

.71–.78 *Specific forms

.79 *Ukrainian

.790 900 1 Early period to 1798

.790 900 2 19th century, 1798–1917

.790 900 3 20th century, 1917–

.8 Balto-Slavic languages

.82 *Serbo-Croatian

.820 900 1 Early period to ca. 1550

.820 900 2 Period of renaissance, ca. 1550–1700

.820 900 3 18th century, 1700–1800

.820 900 4 19th century, 1800–1900

.820 900 5 20th century, 1900–

.84 *Slovenian

.840 900 1–.840 900 5 Historical periods

Divide like **891.820 900 1 – 891.820 900 5**, e.g., history of 20th century Slovenian literature **891.840 900 5**

* Divide as instructed under **820–890**

891.85 *Polish

.850 900 1 Early period to 1400
.850 900 2 Period of development, 1400–1500
.850 900 3 Golden age, 1500–1600
.850 900 4 Period of decline, 1600–1700
.850 900 5 18th century, 1700–1795
.850 900 6 Period of renaissance, 1795–1919
.850 900 7 20th century, 1919–

.86 *Czech

.860 900 1 Early period to 1400
.860 900 2 Reformation period, 1400–1450
.860 900 3 Humanist period, 1450–1620
.860 900 4 Period of decline, 1620–1900
.860 900 5 20th century, 1900–

.9 Baltic and other East Indo-European languages

.92 *Lithuanian

.920 900 1 Early period to 1800
.920 900 2 19th century, 1800–1900
.920 900 3 20th century, 1900–

.93 *Latvian (Lettish)

.930 900 1–.930 900 3 Historical periods

Divide like **891.920 900 1 – 891.920 900 3**, e.g.. history of 19th century Latvian literature **891.930 900 2**

.99 Other

.992 *Armenian

.992 090 01 Early period to 600
.992 090 02 600–1000
.992 090 03 1000–1400
.992 090 04 1400–1850
.992 090 05 Modern period, 1850–

* Divide as instructed under **820–890**

892 Semitic languages

Divide like **492**, e.g., literature of East Aramaic (Syriac) language **892.3**; if the single entry or any one of the several entries for a specific language under **492** is identified by *, divide its literature further as instructed under **820–890**, e.g., Syriac poetry **892.31**, Hebrew poetry **892.41**. Entered below are those specific languages for which the use of period divisions is recommended

.4 Hebraic languages

Use **892.400 1 – 892.400 9** for standard subdivisions

892.401–892.486 Hebrew

► .401–.407 Standard subdivisions
.408 *Collections and anthologies by more than one author
.409 *History, description, critical appraisal, biographical treatment

892.409 001 – 892.409 006 Historical periods

► .409 001 Early period to 700
.409 002 Medieval period, 700–1700
.409 003 18th century, 1700–1820
.409 004 19th century, 1820–1885
.409 005 1885–1945
.409 006 Later 20th century, 1945–

.41–.48 *Specific forms

.49 *Yiddish

.490 900 1 Early period to 1700
.490 900 2 Period of enlightenment, 1700–1860
.490 900 3 Golden age and modern period, 1860–

.7 *Arabic (North Arabic)

.709 001 Pre-Islamic period to 622
.709 002 Early Islamic and Mukhadrami period, 622–661
.709 003 661–1258
.709 003 2 Umayyad period, 661–750
.709 003 4 Abbasid period, 750–1258
.709 004 Period of decline, 1258–1800
.709 005 Period of renaissance, 1800–1945
.709 006 Contemporary period, 1945–

* Divide as instructed under **820–890**

893 Hamitic and other languages

Divide like **493**, e.g., Coptic literature **893.2**; if the language entry under **493** is identified by *, divide its literature further as instructed under **820–890**, e.g., Coptic poetry **893.21**

894 Ural-Altaic, Paleosiberian, Dravidian languages

Divide like **494**, e.g., Estonian literature **894.545**; if the language entry under **494** is identified by *, divide its literature further as instructed under **820–890**, e.g., Estonian fiction **894.545 3**, Lapp poetry **894.551**. Entered below are those specific languages for which the use of period divisions is recommended

.3 Turkic family

.35 *Turkish

.350 900 1 Early period to 1500

.350 900 2 Middle period, 1500–1850

.350 900 3 Modern period, 1850–

.5 Finno-Ugric languages

.51 Ugric languages

.511 *Magyar (Hungarian)

.511 090 01–.511 090 03 Historical periods

Divide like **891.920 900 1 – 891.920 900 3**, e.g., history of 20th century Hungarian literature **894.511 090 03**

.54 Western Finnic languages

.541 *Finnish (Suomi)

.541 090 01–.541 090 03 Historical periods

Divide like **891.920 900 1 – 891.920 900 3**, e.g., history of 20th century Finnish literature **894.541 090 03**

.545 *Estonian

.545 090 01 Early period to 1861

.545 090 02 Modern period, 1861–

.8 Dravidian languages

Add **090 0** to each and divide further as instructed under **891.4**, e.g., history of contemporary Tamil literature **894.811 090 07**

* Divide as instructed under **820–890**

895 Languages of East and Southeast Asia

Divide like **495**, e.g., Korean literature **895.7**; if the single entry or any one of the several entries for a specific language under **495** is identified by *, divide its literature further as instructed under **820–890**, e.g., Korean poetry **895.71**, Tibetan poetry **895.41**. Entered below are those specific languages for which the use of period divisions is recommended

.1 *Chinese

.109 001 Classical age, 15th–3d centuries B.C.

.109 002 Middle epoch, 2d century B.C.–7th century A.D.

.109 003 Renaissance and neoclassicism, ca. 700–ca. 1000

.109 004 Age of reason, and rise of drama and novel, ca. 1000–1912

.109 005 20th century, 1912–

.6 *Japanese

.609 001 Early period to 1185

.609 002 1185–1603

.609 003 Tokugawa period, 1603–1868

.609 004 Late 19th and early 20th centuries, 1868–1945

.609 005 Later 20th century, 1945–

.7 *Korean

.709 001 Early period to 1392

.709 002 Yi period, 1392–1910

.709 003 Early 20th century, 1910–1945

.709 004 Later 20th century, 1945–

.8 *Burmese

.809 001–.809 003 Historical periods

Divide like **891.920 900 1 – 891.920 900 3**, e.g., contemporary Burmese literature **895.809 003**

* Divide as instructed under **820–890**

895.9 **Other languages of Southeast Asia**

.91 *Thai

.910 900 1–.910 900 3 Historical periods

Divide like 891.920 900 1 – 891.920 900 3, e.g., contemporary Thai literature 895.910 900 3

896 African languages

Divide like 496, e.g., Hausa literature 896.91; if the language entry under 496 is identified by *, divide its literature further as instructed under 820–890, e.g., Hausa poetry 896.911

897 North American Indian languages

Divide like 497, e.g., literature in Na-Dene languages 897.2

898 South American Indian languages

899 Austronesian and other languages

Including literatures of artificial languages [*formerly* 808.9]

Divide like 499, e.g., literature of Tagalog language 899.211; if the language entry under 499 is identified by *, divide its literature further as instructed under 820–890, e.g., Tagalog poetry 899.211 1

* Divide as instructed under 820–890

900

900 General geography and history and related disciplines

Use 900.1–900.9 for standard subdivisions

Class historical and geographical treatment of a specific subject with the subject

► **901–908 Standard subdivisions of general history**

Class history of specific continents, countries, localities in 930–990

901 Philosophy and theory

.9 **Civilization**

Man's spiritual, intellectual, social, material situation and progress

If preferred, class in 909

Divide like standard subdivisions 090 2 – 090 4, e.g., civilization in the years 500–1000 901.921

Class areal treatment in 910

Class civilization of ancient world [*formerly* 901.9] in 913.03

902 Miscellany

.02 Synopses, chronologies, manuals

903 Dictionaries, encyclopedias, concordances

904 Collected accounts of specific events

Scope: adventure [*formerly* 910.4]

.5 **Events of natural origin**

Earthquakes, volcanic eruptions, tidal waves, floods, storms

.7 **Events induced by man**

Battles, explosions, fires; mine, transportation, nuclear accidents

905 Serial publications

906 Organizations

907 **Study and teaching**

908 **Collections and anthologies**

909 **World history**

Use 909.001–909.009 for standard subdivisions

(Optional: civilization; prefer 901.9)

Class history of ancient world to ca. 500 A.D. in 930

.07 Medieval, to 1450/1500

Including Crusades

.08 Modern, 1450/1500–

.09 Regional treatment

Not limited by continent, country, locality

Divide like area notation 1, e.g., history of the Jews 909.097 492 4; then add 0 and divide further like 909.1–909.8, e.g., history of the Jews in 18th century 909.097 492 407

.1 500–1199

.2 1200–1299

.3 1300–1399

.4 1400–1499

.5 1500–1599

.6 1600–1699

.7 1700–1799

.8 1800–

.81 1800–1899

.82 1900–

.821 1900–1919

For World War I, see 940.3

.822 1920–1929

.823 1930–1939

.824 1940–1949

For World War II, see 940.53

.825 1950–1959

.826 1960–1969

910 **General geography**

Areal differentiation and traveler's observation of the earth (physical geography [*formerly* 551.4]) and man's civilization upon it

Use 910.001–910.008 for standard subdivisions; but class charts and plans in 912

.02 The earth (Physical geography)

Add area notations 14–16 to 910.02

.03 Man and his civilization

Add area notation 1 to 910.03

.09 Historical and regional treatment

.091 Geography of regions

Not limited by continent, country, locality

Add area notation 1 to 910.09

.093–.099 Discovery, exploration, growth of geographic knowledge

Add area notations 3–9 for countries responsible to 910.09, e.g., discoveries and explorations by Portuguese 910.094 69

Class geography of specific continents, countries, localities in 913–919

.1 **Topical geography**

(Optional; prefer specific subject, e.g., economic geography 330.91–330.99)

Divide like 001–899, e.g., economic geography 910.133; then add 0 and add area notations 1–9, e.g., economic geography of British Isles 910.133 042

.2–.3 **Miscellany and dictionaries, encyclopedias, concordances of travel**

.4 **Accounts of travel**

Class comprehensive works on adventure [*formerly* 910.4] in 904

Class collections and anthologies of travels in 910.8

For discovery and exploration, see 910.093–910.099; *scientific travels,* 508.3

.41 Trips around the world

910.45 Ocean travel and seafaring life

For trips around the world, see 910.41

.453 Voyages of adventure

Shipwrecks, mutinies, buried treasure, pirates' expeditions

.5–.9 Other standard subdivisions of travel

Class travel in specific continents, countries, localities in 913–919

911 Historical geography

Growth and changes in political divisions

Add area notations 1–9 to 911

Class general geography of ancient world [*formerly* 911] in 913

912 Graphic representations of earth's surface

Atlases, maps, charts, plans

For map projections, see 526.8

.014 8 Map scales and symbols [*formerly* 526.88]

.1 Specific subjects and regions

.100 1–.189 9 Specific subjects

Divide like 001–899, e.g., maps locating art centers 912.17

.19 Regions

Divide like area notation 1, e.g., maps of Western Hemisphere [*formerly* 912.2] 912.198 12

[.2] Western Hemisphere

Class in 912.198 12

.3–.9 Specific continents, countries, localities

Add area notations 3–9 to 912

► 913–919 Geography of specific continents, countries, localities

Scope: comprehensive works on geography and history of specific continents, countries, localities

If preferred, class in 930–990

Class history of specific continents, countries, localities in 930–990, geography of regions in 910.091

For historical geography, see 911; *graphic representations of earth's surface,* 912

913 Geography of ancient world [*formerly* 911]

Including prehistoric archeology [*formerly* 571]

Use 913.001–913.008 for standard subdivisions

Class archeology of modern period [*formerly* 913] in 914–919

.02 The earth (Physical geography)

.03 Man and his civilization [*formerly also* 901.9]

.031 Archeology

Study of man's past civilizations thru discovery, collection, interpretation of his material remains

.031 028 Techniques

.031 028 2 Discovery of remains

.031 028 3 Excavation of remains

.031 028 5 Interpretation of remains

913.031 1 – 913.031 6 Specific archeological ages

► .031 1 Eolithic Age

.031 2 Paleolithic (Old Stone) Age

.031 3 Mesolithic Age

.031 4 Neolithic (New Stone) Age

.031 5 Copper and Bronze Age

.031 6 Iron Age

.032–.035 Specific periods

Divide like standard subdivisions 090 12 – 090 15, e.g., civilization of 1st century A.D. 913.035

For specific archeological ages, see 913.031 1 – 913.031 6

913.04 Travel

Divide like standard subdivision **090 1**, e.g., general travels in 5th century A.D. **913.045**

.09 Regions

Not limited by continent, country, locality

Add area notation **1** to **913.09**

.3 Continents, countries, localities

Add area notation **3** to **913**, e.g., geography of ancient Italian peninsula **913.37**; then add further as instructed under **914–919**, e.g., travel under Roman Republic **913.370 42**

► 914–919 Geography of modern world

Including archeology of modern period [*formerly* **913**]

Add area notations **4–9** to **91**, e.g., geography of British Isles **914.2**; then add further as follows:

001–008 Standard subdivisions
02 The earth (Physical geography)
03 Man and his civilization
Scope: archeology
Divide like historical periods in subdivisions of **930–990**
04 Travel
Divide like historical periods in subdivisions of **930–990**
09 Regions
Divide like area notation **1**, e.g., rivers **096 93**

A specific example of addition under a place appears at **914.2**

Class customs of specific continents, countries, localities in modern world [*formerly* **914–919**] in **390.09**

914 Europe

Add area notation **4** to **91**; then add further as instructed under **914–919**; an example follows

.2 British Isles

Use **914.200 1 – 914.200 8** for standard subdivisions

[.200 9] Regions

Do not use; class in **914.209**

914.202 The earth (Physical geography)

.203 Man and his civilization

Scope: archeology

Divide like **942.01–942.08**, e.g., civilization of Stuart England **914.203 6**

.204 Travel

Divide like **942.01–942.08**, e.g., travel in later 20th century England **914.204 85**

.209 Regions

Divide like area notation **1**, e.g., geography of rivers in British Isles **914.209 693**

915 Asia

Add area notation **5** to **91**; then add further as instructed under **914–919**, e.g., the earth of Japan **915.202**

916 Africa

Add area notation **6** to **91**; then add further as instructed under **914–919**, e.g., geography of South African mountain areas **916.809 43**

917 North America

Add area notation **7** to **91**; then add further as instructed under **914–919**, e.g., Southern home life [*formerly* **973.784**] **917.503 7**

.03 Man and his civilization

Class Indians in **970.1**

918 South America

Add area notation **8** to **91**; then add further as instructed under **914–919**, e.g., 20th century civilization of Brazil **918.103 6**

.03 Man and his civilization

Class Indians in **980.1**

919 Other parts of world

Add area notation **9** to **91**; then add further as instructed under **914–919**, e.g., civilization of Australia **919.403**

920 General biography, genealogy, insignia

Including biography of Indians of North America [*formerly* 970.2], of South America [*formerly* 980.2], of slaves [*formerly* 326.92]

Use 920.000 1 – 920.000 9 for standard subdivisions

Class biography of persons associated with a specific subject with the subject

.001–.008 Standard subdivisions of biography

Class writing biography [*formerly* 920.002] in 808.066

.009 Historical and geographical treatment of biography

Class treatment by continent, country, locality in 920.03–920.09

► 920.02–920.09 General collections of biography

.02 Not limited geographically

.03–.09 By continent, country, locality

Add area notations 3–9 to 920.0, e.g., collections of biographies of Englishmen 920.042

► **920.1–928.9 Biography of specific classes of persons**

(Optional; prefer standard subdivision 092)

.1 ***Bibliographers**

.2 ***Librarians and book collectors**

.3 ***Encyclopedists**

.4 ***Publishers and booksellers**

.5 ***Journalists and news commentators**

.7 ***Persons by sex**

.71 *Men

.72 *Women

.9 ***Persons associated with other subjects**

Not provided for in 920.1–920.5, 921–928

Divide like 001–999, e.g., astrologers 920.913 35

* Optional; prefer standard subdivision 092

921 *Philosophers and psychologists

► **921.1–921.8 Modern Western philosophers and psychologists**

.1 ***United States and Canadian**

.2 ***British**

English, Scottish, Irish, Welsh

.3 ***German and Austrian**

.4 ***French**

.5 ***Italian**

.6 ***Spanish and Portuguese**

.7 ***Russian**

.8 ***Other**

Add area notations 4–9 to 921.8

.9 ***Ancient, medieval, Oriental**

Divide like 181–189, e.g., Aristotelian philosophers 921.95

922 *Religious leaders, thinkers, workers

Scope: collected biographies of communicants of specific religions and sects

► 922.1–922.8 Christians

.1 ***Apostolic and Oriental churches**

Add area notations 3–9 to 922.1

.2 ***Roman Catholics**

.21 *Popes

.22 *Saints

.24–.29 *Other

Add area notations 4–9 to 922.2

.3 ***Anglicans**

Add area notations 4–9 to 922.3

* Optional; prefer standard subdivision 092

922.4 *Lutherans, Huguenots, continental Protestants
Add area notations 4–9 to 922.4

.5 *Presbyterians, Congregationalists, American Reformed
Add area notations 4–9 to 922.5

.6 *Baptists, Disciples of Christ, Adventists
Add area notations 4–9 to 922.6

.7 *Methodists
Add area notations 4–9 to 922.7

.8 *Members of other Christian sects
.81 *Unitarians and Universalists
Add area notations 4–9 to 922.81

.83 *Latter-Day Saints (Mormons)
Add area notations 4–9 to 922.83

.84 *Swedenborgians
Add area notations 4–9 to 922.84

.85 *Christian Scientists
Add area notations 4–9 to 922.85

.86 *Friends (Quakers)
Add area notations 4–9 to 922.86

.87 *Mennonites
Add area notations 4–9 to 922.87

.88 *Shakers
Add area notations 4–9 to 922.88

.89 *Others

.9 *Adherents of other religions
.91 *Atheists, Deists, Theosophists

* Optional; prefer standard subdivision 092

922.94 *Adherents of Brahmanism and related religions
.943 *Buddhists
.944 *Jains
.945 *Hindus
.95 *Parsees
.96 *Adherents of Judaism
.97 *Moslems
.99 *Others

923 *Persons in social sciences

.1 *Heads of state
Kings, queens, presidents
Add area notations 3–9 to 923.1

.2 *Persons in political science
Legislators, governors, politicians, statesmen, diplomats, nobility
Add area notations 3–9 to 923.2
For heads of state, see 923.1

.3 *Persons in economics
.31 *Labor leaders
Add area notations 3–9 to 923.31

.33–.39 *Others
Add area notations 3–9 to 923.3

.4 *Persons in law
.41 *Criminals
Add area notations 3–9 to 923.41

.43–.49 *Others
Add area notations 3–9 to 923.4

* Optional; prefer standard subdivision 092

923.5 ***Public administrators and military persons**

Add area notations 3–9 to 923.5

For heads of state, see 923.1; *legislators, governors, politicians, statesmen,* 923.2

.6 ***Philanthropists, humanitarians, social reformers**

Add area notations 3–9 to 923.6

.7 ***Educators**

Add area notations 3–9 to 923.7

.8 ***Persons in commerce, communication, transportation**

Add area notations 3–9 to 923.8

.9 ***Explorers, geographers, pioneers, frontiersmen**

Add area notations 3–9 to 923.9

924 ***Philologists and lexicographers**

Divide like 420–490, e.g., Hispanic philologists 924.6

925 ***Scientists**

Divide like 510–590, e.g., botanists 925.8

926 ***Persons in technology**

Divide like 610–690, e.g., engineers 926.2

Class publishers and booksellers in 920.4

927 ***Persons in the arts**

Divide like 710–790, e.g., baseball players 927.963 57

For persons in literature, see 928

928 ***Persons in literature**

Writers and critics of belles-lettres, historians, biographers

Divide like 810–890, e.g., Russian writers 928.917

* Optional; prefer standard subdivision 092

929 **Genealogy, names, insignia**

.1 **Genealogy**

For sources, see 929.3; *family histories,* 929.2

.2 **Family histories**

For royal houses, peerage, gentry, see 929.7

.3 **Genealogical sources**

Registers, wills, tax lists, census records, court records compiled for genealogical purposes

For epitaphs, see 929.5

.4 **Personal names**

.5 **Epitaphs**

.6 **Heraldry**

For armorial bearings, see 929.8

.7 **Royal houses, peerage, landed gentry**

Scope: rank, precedence, titles of honor

.709 Historical and geographical treatment

Class treatment by country in 929.72–929.79

.71 Orders of knighthood

For Christian orders of knighthood, see 271.79

929.72–929.79 Treatment by country

.72 Great Britain and Ireland

.73–.79 Other countries of Europe

Divide like area notations 43–49, e.g., royal houses of France 929.74

.799 9 Countries outside Europe

Add area notations 3–9 to 929.799 9

.8 **Armorial bearings**

Coats of arms, crests, seals

.9 **Flags**

National, state, ship, ownership flags

Class military use in 355.15

► **930–990 Geographical treatment of general history**

History of specific continents, countries, localities

(Optional: geography of specific places; prefer **913–919**)

Class regional treatment of general history in **909.09**

Add area notations **3–9** to **9**, e.g., general history of British Isles **942**; then, unless otherwise specified, add further as follows:

001–008	Standard subdivisions
009	Regions Divide like area notation **1**, e.g., cities **009 732**
01–09	Historical periods As shown in the schedules that follow

Unless others are specified, divide historical periods under each subdivision of a country like those under the country

A specific example of addition under a place appears at **938**

930 The ancient world to ca. 500 A.D.

Use **930.01–930.09** for standard subdivisions and regions

Divide like standard subdivision **090 1**, e.g., world history in the 1st century A.D. **930.5**

931 *China to 420 A.D.

932 *Egypt

.01 Earliest history to 332 B.C.

.02 Greco-Roman period, 332 B.C.–640 A.D.

933 *Palestine to 70 A.D.

934 *India

.01 Early civilizations to ca. 1500 B.C.

.02 Vedic period, ca. 1500–ca. 600 B.C.

.03 Growth of civilizations, ca. 600–ca. 322 B.C.

.04 Mauryas, ca. 322–185 B.C.

.05 Changing dynasties, 185 B.C.–318 A.D.

.06 Guptas, 318–500

.07 Invasions and reign of Harsha, 500–647

* Add as instructed under **930–990**

935 *Mesopotamia and Iranian Plateau

.01 Elamite, Sumerian, Akkadian period to ca. 1900 B.C.

.02 Babylonian Empire and Kingdom of Mitanni, ca. 1900–ca. 900 B.C.

.03 Assyrian Empire, ca. 900–625 B.C.

.04 Median and Neo-Babylonian (Chaldean) Empires, 625–550 B.C.

.05 Persian Empire, 550–332 B.C.

.06 Hellenistic, Seleucid, Parthian periods, 332 B.C.–226 A.D.

.07 Neo-Persian (Sassanian) Empire, 226–642

936 *Europe north and west of Italian peninsula

937 *Italian peninsula and adjacent territories

.01 Earliest period and Roman Kingdom to ca. 500 B.C.

.02 Roman Republic, ca. 500–31 B.C.

For specific periods, see **937.03–937.05**

► 937.03–937.05 Specific periods under the Republic

.03 Unification of Italy, ca. 500–264 B.C.

.04 Punic Wars, 264–146 B.C.

.05 Civil strife, 146–31 B.C.

.06 Roman Empire, 31 B.C.–476 A.D.

For specific periods, see **937.07–937.09**

► 937.07–937.09 Specific periods under the Empire

.07 Early and middle periods, 31 B.C.–284 A.D.

.08 Period of absolutism, 284–395

.09 Final period, 395–476

* Add as instructed under **930–990**

938 Greece

.001–.008 Standard subdivisions

.009 Regions

Divide like area notation 1, e.g., history of cities of ancient Greece 938.009 732

► 938.01–938.09 Historical periods

.01 Mythical age to 775 B.C.

.02 Formation of states, 775–500 B.C.

.03 Persian Wars, 500–479 B.C.

.04 Athenian supremacy, 479–431 B.C.

.05 Peloponnesian War, 431–404 B.C.

.06 Spartan and Theban supremacy, 404–362 B.C.

.07 Macedonian era, 362–323 B.C.

.08 Hellenistic period, 323–146 B.C.

.09 Roman era, 146 B.C.–323 A.D.

► 938.1–938.9 Geographical divisions

.1 *Macedonia

Add 0 and divide like 938.01–938.09, e.g., Hellenistic period 938.108

.2 *Thessaly, Epirus, adjacent Ionian islands

Add 0 and divide like 938.01–938.09, e.g., Roman era 938.209

.3 *Acarnania, Aetolia, Locris, Doris, Phocis, Ithaca

Add 0 and divide like 938.01–938.09, e.g., Persian Wars period 938.303

.4 *Boeotia, Megaris, Euboea

Add 0 and divide like 938.01–938.09, e.g., mythical age 938.401

* Add as instructed under 930–990

938.5 *Attica

Add 0 and divide like 938.01–938.09, e.g., under Pericles 938.504

.6 *Peloponnesus and adjacent Ionian islands

Add 0 and divide like 938.01–938.09, e.g., under Spartan supremacy 938.606

.7 *Corinthia and Achaea

Add 0 and divide like 938.01–938.09, e.g., Peloponnesian War period 938.705

.8 *Elis, Arcadia, Argolis

Add 0 and divide like 938.01–938.09, e.g., Macedonian era 938.807

.9 *Messenia, Laconia, Sparta

Add 0 and divide like 938.01–938.09, e.g., period of formation of states 938.902

939 Other parts of ancient world to ca. 640 A.D.

.1 *Greek Archipelago

Add 0 and divide like 938.01–938.09, e.g., Hellenistic period 939.108

* Add as instructed under 930–990

940–990 The modern world

940 Europe

From fall of Rome, 476, to present

Use **940.01–940.09** for standard subdivisions and regions

SUMMARY

940.1	**Middle Ages, 476–1453**
.2	**Modern period, 1453–**
.3	**World War I, 1914–1918**
.4	**Military history of World War I (Conduct of the war)**
.5	**20th century, 1918–**

.1 Middle Ages, 476–1453

.11 Invasions and rise of new nations, 476–800

.14 Age of feudalism, 800–1100

.17 Later Middle Ages, 1100–1453

For period of the Crusades, see **940.18**

.18 Period of the Crusades, 1096–1270

.2 Modern period, 1453–

Class here 15th century

For World War I, see **940.3**; *20th century, 1918–* **940.5**

.21 Renaissance period, 1453–1517

.22 Reformation to French Revolution, 1517–1789

For 1517–1648, see **940.23**; *1648–1789,* **940.25**

.23 Reformation period, 1517–1648

For Thirty Years' War, see **940.24**

.232 16th century, 1517–1618

.24 Thirty Years' War, 1618–1648

940.25 Late 17th and 18th centuries, 1648–1789

.252 1648–1715

Class here 17th century

.252 6 War of the Spanish Succession, 1701–1714

.253 18th century, 1715–1789

.253 2 War of the Austrian Succession, 1740–1748

.253 4 Seven Years' War, 1756–1763

.27 Napoleonic era and wars, 1789–1815

Including Napoleonic wars in specific European countries [*formerly* **941–949**]

.28 19th century, 1815–1914

.282 1815–1830

.283 1830–1848

.284 Year of revolution, 1848

.285 1848–1860

.286 1860–1870

.287 1870–1900

.288 1900–1914

.3 World War I, 1914–1918

For military history, see **940.4**

.302 2 Audio-visual materials [*formerly* 940.49]

.31 Social, political, economic history

For diplomatic history, see **940.32**

.311 Causes

.311 2 Political and diplomatic

.311 3 Economic

.311 4 Social and psychological

.312 Efforts to preserve or restore peace

940.314 Political, diplomatic, economic results

Class results in and effects on a specific country with history of the country

.314 1 Treaties and conferences

For consequences of treaties and conferences, see **940.314 2**

.314 2 Consequences of treaties and conferences

.314 22 Reparations

.314 24 Territorial questions

.314 25 Establishment of new nations

.314 26 Establishment of mandates

.314 4 Reconstruction

.315 Relation of specific classes of persons to the war

Use **940.315 000 1 – 940.315 000 9** for standard subdivisions

Class participation of specific classes of persons in the conduct of the war in **940.4**

For noncombatants, pacifists, enemy sympathizers, see **940.316**

.315 001–.315 199 Generalists, philosophers, psychologists

Divide like **001–199**, e.g., librarians and the war **940.315 02**

.315 2 Clergy and church groups

.315 21–.315 28 Major Christian groups

Divide like **281–288**, e.g., Roman Catholic Church and the war **940.315 22**

.315 289 Other Christian groups

Divide like **289**, e.g., Friends and the war **940.315 289 6**

.315 29 Other religious groups and their clergy

Divide like **294–299**, e.g., rabbis and the war **940.315 296**

.315 3–.315 8 Other classes of persons

Divide like **300–800**, e.g., musicians and the war **940.315 78**

.315 9 Refugees

940.316 Noncombatants, pacifists, enemy sympathizers

.316 1 Children and other noncombatants

.316 2 Pacifists

.316 3 Enemy sympathizers

.32 Diplomatic history

For diplomatic causes, see **940.311 2**; *efforts to preserve or restore peace,* **940.312**; *diplomatic results,* **940.314**

.322 Allies and associated powers

Add area notations **4–9** to **940.322**

.324 Central Powers

Add area notations **4–9** to **940.324**

.325 Neutrals

Add area notations **4–9** to **940.325**

.33 Participation of specific groups of countries

For participation of specific countries, see **940.34–940.39**; *a specific activity, the subject, e.g., diplomatic history* **940.32**

.332 Allies and associated powers

.334 Central Powers

.335 Neutrals

.34–.39 Participation of specific countries

Scope: mobilization in specific countries

Add area notations **4–9** to **940.3**

For military participation of specific countries, see **940.409**; *a specific activity, the subject, e.g., efforts to preserve or restore peace* **940.312**

.4 Military history of World War I (Conduct of the war)

Use **940.400 1 – 940.400 8** for standard subdivisions

.401 Strategy

.401 2 Allies and associated powers

.401 3 Central Powers

940.402 Mobilization

For mobilization in specific countries, see **940.34–940.39**

.403 Racial minorities as troops

.405 Repressive measures and atrocities

For internment camps, see **940.472**

.409 Military participation of specific countries

Add area notations **4–9** to **940.409**

SUMMARY

940.41	**Land operations**
.42–.43	**Specific land campaigns and battles**
.44	**Aerial operations**
.45	**Naval operations**
.46	**Celebrations, commemorations, memorials**
.47	**Prisons, health, social services**
.48	**Other topics**

.41 Land operations

Scope: combined operations

For specific land campaigns and battles, see **940.42–940.43**; *aerial operations,* **940.44**; *naval operations,* **940.45**

► 940.412–940.413 Military units

Scope: organization, history, rosters, service records

Class units engaged in a special service with the subject

For operations in specific theaters, see **940.414–940.416**; *rolls of honor and lists of dead,* **940.467**

.412 Of Allies and associated powers

Add area notations **4–9** to **940.412**

.413 Of Central Powers

Add area notations **4–9** to **940.413**

► 940.414–940.416 Operations in specific theaters

.414 In Europe

.414 3 German fronts

940.414 4 French front

Class here western front

For German fronts, see **940.414 3**

.414 5 Italian front

.414 7 Russian front

Class here eastern front

For German fronts, see **940.414 3**

.415 In Asia

.416 In Africa

► 940.42–940.43 Specific land campaigns and battles

.42 1914–1916

.421 1914, western front

.422 1914, eastern front

.423 1914, other areas

.424 1915, western and Austro-Italian fronts

.425 1915, eastern front

.426 1915, other areas

.427 1916, European fronts

.427 2 Western and Austro-Italian fronts

.427 5 Eastern front

.429 1916, other areas

.429 1 Asia Minor

.43 1917–1918

.431 1917, western and Austro-Italian fronts

.432 1917, eastern front

.433 1917, other areas

.434 1918, western and Austro-Italian fronts

Including final German offensives

For final allied offensives, see **940.435–940.436**

► 940.435–940.436 Final allied offensives

940.435 July 18–September 24

.436 September 25–November 11

.437 1918, eastern front

.438 1918, other areas

.439 Armistice, November 11, 1918

.44 Aerial operations

.441 Services

Observation, scouting, artillery, detecting, range finding, signaling, bombing, auxiliary land and naval fighting, antisubmarine activities, coast patrol

For specific events, see **940.444–940.448**

.442 Air raids

For specific events, see **940.444–940.448**

.443 Bases

► 940.444–940.448 Specific events

.444 Of 1914

.445 Of 1915

.446 Of 1916

.447 Of 1917

.448 Of 1918

.449 Operations of specific countries

Scope: aircraft, fliers, units

Add area notations **4–9** to **940.449**

For specific events, see **940.444–940.448**

.45 Naval operations

.451 Submarine warfare

.451 2 German use

.451 3 Allied use

Add area notations **4–9** to **940.451 3**

940.451 4 Specific events

.451 6 Antisubmarine warfare

.452 Blockades and blockade running

For specific events, see **940.454–940.458**

.453 Bases

► 940.454–940.458 Specific events

For specific events in submarine warfare, see **940.451 4**

.454 Of 1914

.455 Of 1915

.456 Of 1916

.457 Of 1917

.458 Of 1918

.459 Operations of specific countries

Scope: ships, crews, units

Add area notations **4–9** to **940.459**

For specific events, see **940.454–940.458**

.46 Celebrations, commemorations, memorials

Including commemorative meetings, flag presentations, decorations and awards

Class celebrations, commemorations, memorials of a specific event with the event

.465 Monuments and cemeteries

Add area notations **4–9** to **940.465**

.467 Rolls of honor and lists of dead

Add area notations **4–9** to **940.467**

.47 Prisons, health, social services

.472 Prisons and internment camps

Add area notations **4–9** to **940.472**, e.g., prison and internment camps maintained by Germany **940.472 43**

.473 Exchange of prisoners

940.475 Medical services

For hospitals, see **940.476**

.475 2 Sanitary affairs

.475 3 Ambulance companies

.475 4–.475 9 Services of specific countries

Add area notations **4–9** to **940.475**

.476 Hospitals

.476 3 In specific places

Add area notations **4–9** to **940.476 3**

For hospitals maintained by specific countries, see **940.476 4 – 940.476 9**

.476 4–.476 9 Maintained by specific countries

Add area notations **4–9** to **940.476**

.477 Relief and welfare work

.477 1 Activities of Red Cross

.477 8 Activities conducted by specific countries

Add area notations **4–9** to **940.477 8**

For activities of Red Cross, see **940.477 1**

.477 9 Activities in specific places

Add area notations **4–9** to **940.477 9**

For activities conducted by specific countries, see **940.477 8**; *activities of Red Cross,* **940.477 1**

.478 Religious life and chaplain services

.48 Other topics

► 940.481–940.482 Personal narratives

Class personal narratives on a specific subject with the subject

.481 Individuals from Allies and associated powers

Add area notations **4–9** to **940.481**

.482 Individuals from Central Powers

Add area notations **4–9** to **940.482**

► 940.483–940.484 Military life and customs

940.483 Of Allies and associated powers

Add area notations **4–9** to **940.483**, e.g., life in United States Navy **940.483 73**

.484 Of Central Powers

Add area notations **4–9** to **940.484**, e.g., life in Luftwaffe **940.484 43**

.485 Secret service and spies

For secret service and spies of Allies and associated powers, see **940.486**; *of Central Powers,* **940.487**

.486 Secret service and spies of Allies and associated powers

Add area notations **4–9** to **940.486**

.487 Secret service and spies of Central Powers

Add area notations **4–9** to **940.487**

.488 Propaganda

.488 6 By Allies and associated powers

Add area notations **4–9** to **940.488 6**

.488 7 By Central Powers

Add area notations **4–9** to **940.488 7**

.488 9 Propaganda in specific countries

Add area notations **4–9** to **940.488 9**

Class propaganda by one side or one country in **940.488 6 – 940.488 7**

[.49] Audio-visual materials

Class in **940.302 2**

.5 20th century, 1918–

.51 1918–1930

.52 1930–1939

940.53 World War II, 1939–1945

For military history, see **940.54**

.530 22 Audio-visual materials [*formerly* 940.549]

.531 Social, political, economic history

For diplomatic history, see **940.532**

.531 1 Causes

.531 12 Political and diplomatic

.531 13 Economic

.531 14 Social and psychological

.531 2 Efforts to preserve or restore peace

.531 4 Political, diplomatic, economic results

Including conferences, treaties

Class results in and effects on a specific country with history of the country

.531 44 Reconstruction

.531 5 Relation of specific classes of persons to the war

Use **940.531 500 01 – 940.531 500 09** for standard subdivisions

Class participation of specific classes of persons in the conduct of the war in **940.54**

For noncombatants, pacifists, enemy sympathizers, see **940.531 6**

.531 500 1–.531 519 9 Generalists, philosophers, psychologists

Divide like **001–199**, e.g., librarians and the war **940.531 502**

.531 52 Clergy and church groups

.531 521–.531 528 Major Christian groups

Divide like **281–288**, e.g., Roman Catholic Church and the war **940.531 522**

.531 528 9 Other Christian groups

Divide like **289**, e.g., Friends and the war **940.531 528 96**

.531 529 Other religious groups and their clergy

Divide like **294–299**, e.g., rabbis and the war **940.531 529 6**

940.531 53–.531 58 Other classes of persons

Divide like **300–800**, e.g., musicians and the war **940.531 578**

.531 59 Refugees

.531 6 Noncombatants, pacifists, enemy sympathizers

.531 61 Children and other noncombatants

.531 62 Pacifists

.531 63 Enemy sympathizers

.532 Diplomatic history

For diplomatic causes, see **940.531 12**; *efforts to preserve or restore peace,* **940.531 2**; *diplomatic results,* **940.531 4**

.532 2 United Nations

Including anti-Axis national groups, governments in exile

Add area notations **4–9** to **940.532 2**

.532 4 Axis Powers

Including pro-Axis national groups

Add area notations **4–9** to **940.532 4**

.532 5 Neutrals

Add area notations **4–9** to **940.532 5**

.533 Participation of specific groups of countries

For participation of specific countries, see **940.534–940.539**; *a specific activity, the subject, e.g., diplomatic history* **940.532**

.533 2 United Nations

.533 4 Axis Powers

.533 5 Neutrals

.533 6 Occupied countries

For countries occupied by Axis Powers, see **940.533 7**; *by United Nations,* **940.533 8**

.533 7 Countries occupied by Axis Powers

.533 8 Countries occupied by United Nations

940.534–.539 Participation of specific countries

Scope: governments in exile, underground movements, anti-Axis national groups, pro-Axis national groups, mobilization

Add area notations **4–9** to **940.53**

For military participation of specific countries, see **940.540 9**; *a specific activity, the subject, e.g., efforts to preserve or restore peace* **940.531 2**

.54 Military history of World War II (Conduct of the war)

Use **940.540 01 – 940.540 08** for standard subdivisions

.540 1 Strategy

.540 12 United Nations

.540 13 Axis Powers

.540 2 Mobilization

For mobilization in specific countries, see **940.534–940.539**

.540 3 American Negroes and Indians as troops

.540 4 Other ethnic groups as troops

.540 5 Repressive measures and atrocities

For internment camps, see **940.547 2**

.540 9 Military participation of specific countries

Add area notations **4–9** to **940.540 9**

SUMMARY

940.541	**Operations**
.542	**Specific campaigns and battles**
.544	**Aerial operations**
.545	**Naval operations**
.546	**Celebrations, commemorations, memorials**
.547	**Prisons, health, social services**
.548	**Other topics**

.541 Operations

For specific campaigns and battles, see **940.542**; *aerial operations,* **940.544**; *naval operations,* **940.545**

► 940.541 2 – 940.541 3 Military units

Scope: organization, history, rosters, service records

Class units engaged in a special service with the subject

For rolls of honor and lists of dead, see **940.546 7**

940.541 2 Of United Nations

Add area notations **4–9** to **940.541 2**

.541 3 Of Axis Powers

Add area notations **4–9** to **940.541 3**

.542 Specific campaigns and battles

.542 1 In European theater

.542 3 In Middle East and African theaters

.542 5 In east and southeast Asian and East Indian theaters

.542 6 In Pacific Ocean theater

For East Indian theater, see **940.542 5**

.542 8 In American theater

.542 9 In other areas

.544 Aerial operations

Scope: combined air and naval operations

Including antiaircraft defenses

For naval operations, see **940.545**

.544 1 Services

Observation, scouting, range finding, signaling, bombing, auxiliary land and naval fighting, antisubmarine operations, coast patrol, balloon barrage

.544 2 Campaigns and battles

For specific campaigns and battles, see **940.542**

.544 3 Bases

Add area notations **4–9** to **940.544 3**, e.g., air bases in England **940.544 342**

940.544 9 Operations of specific countries

Scope: aircraft, fliers, units

Add area notations **4–9** to **940.544 9**

For campaigns and battles, see **940.544 2**

.545 Naval operations

For specific campaigns and battles, see **940.542**

.545 1 Submarine warfare

.545 16 Antisubmarine warfare

.545 2 Blockades and blockade running

.545 3 Bases

.545 9 Operations of specific countries

Scope: ships, crews, units

Add area notations **4–9** to **940.545 9**

.546 Celebrations, commemorations, memorials

Including commemorative meetings, flag presentations, decorations and awards

Class celebrations, commemorations, memorials of a specific event with the event

.546 5 Monuments and cemeteries

Add area notations **4–9** to **940.546 5**

.546 7 Rolls of honor and lists of dead

Add area notations **4–9** to **940.546 7**

.547 Prisons, health, social services

.547 2 Prisons and internment camps

Add area notations **4–9** to **940.547 2**, e.g., prison and internment camps maintained by Germany **940.547 243**

.547 3 Exchange of prisoners

940.547 5 Medical services

For hospitals, see **940.547 6**

.547 52 Sanitary affairs

.547 53 Ambulance companies

.547 54–.547 59 Services of specific countries

Add area notations **4–9** to **940.547 5**

.547 6 Hospitals

.547 63 In specific places

Add area notations **4–9** to **940.547 63**

For hospitals maintained by specific countries, see **940.547 64 – 940.547 69**

.547 64–.547 69 Maintained by specific countries

Add area notations **4–9** to **940.547 6**

.547 7 Relief and welfare work

.547 71 Activities of Red Cross

.547 78 Activities conducted by specific countries

Add area notations **4–9** to **940.547 78**

For activities of Red Cross, see **940.547 71**

.547 79 Activities in specific places

Add area notations **4–9** to **940.547 79**

For activities conducted by specific countries, see **940.547 78**; *activities of Red Cross,* **940.547 71**

.547 8 Religious life and chaplain services

.548 Other topics

► 940.548 1 – 940.548 2 Personal narratives

Class personal narratives on a specific subject with the subject

.548 1 Individuals from United Nations

Add area notations **4–9** to **940.548 1**

.548 2 Individuals from Axis Powers

Add area notations **4–9** to **940.548 2**

► 940.548 3 – 940.548 4 Military life and customs

940.548 3 Of United Nations

Add area notations **4–9** to **940.548 3**, e.g., life in United States Navy **940.548 373**

.548 4 Of Axis Powers

Add area notations **4–9** to **940.548 4**, e.g., life in Luftwaffe **940.548 443**

.548 5 Unconventional warfare

Intelligence, subversion, sabotage, infiltration

For unconventional warfare of United Nations, see **940.548 6**; *of Axis Powers,* **940.548 7**; *psychological warfare,* **940.548 8**

.548 6 Unconventional warfare of United Nations

Add area notations **4–9** to **940.548 6**

.548 7 Unconventional warfare of Axis Powers

Add area notations **4–9** to **940.548 7**

.548 8 Psychological warfare (Propaganda)

.548 86 By United Nations

Add area notations **4–9** to **940.548 86**

.548 87 By Axis Powers

Add area notations **4–9** to **940.548 87**

.548 89 Propaganda in specific countries

Add area notations **4–9** to **940.548 89**

Class propaganda by one side or one country in **940.548 86 – 940.548 87**

[.549] Audio-visual materials

Class in **940.530 22**

.55 Later 20th century, 1945–

► **941–949 Specific parts of Europe**

Class Napoleonic wars in specific European countries [*formerly* **941–949**] in **940.27**

941 **Scotland and Ireland**

Use **941.000 1 – 941.000 9** for standard subdivisions and regions

.001–.009 Standard subdivisions and regions of Scotland

► 941.01–941.08 Historical periods of Scotland

.01 Gaelic period to 1057

.02 Efforts at control by England, 1057–1314

Including Battle of Bannockburn, 1314

.03 Early period of independence, 1314–1424

.04 James I–James V, 1424–1542

.05 Reformation period, 1542–1603

.06 Personal union with England, 1603–1707

.07 18th century, 1707–1837

.08 19th–20th centuries, 1837–

.081 20th century, 1901–

.5 Ireland

Use **941.501–941.509** for standard subdivisions and regions

► 941.51–941.59 Historical periods

.51 Early history to 1086

Including Battle of Clontarf, 1014

.52 Disorder and English conquest, 1086–1171

.53 Under House of Plantagenet, 1171–1399

.54 Under Houses of Lancaster and York, 1399–1485

.55 Under Tudors, 1485–1603

.56 Under Stuarts, 1603–1691

.57 18th century, 1691–1800

941.58 19th century, 1801–1900

.59 20th century, 1900–

Including Irish Free State, Eire

.6 *Ulster

Class here Northern Ireland

[.605] Under Government of Ireland Act, 1920–

Class in 941.609

.609 Under Government of Ireland Act, 1920–
[*formerly* 941.605]

942 *British Isles

SUMMARY

942.01 Early history to 1066
.02 Norman period, 1066–1154
.03 House of Plantagenet, 1154–1399
.04 Houses of Lancaster and York, 1399–1485
.05 Tudor period, 1485–1603
.06 Stuart period, 1603–1714
.07 House of Hanover, 1714–1837
.08 Victoria and House of Windsor, 1837–

.01 Early history to 1066

.02 Norman period, 1066–1154

.021 William I, 1066–1087

Including Battle of Hastings

.022 William II, 1087–1100

.023 Henry I, 1100–1135

.024 Stephen, 1135–1154

.03 House of Plantagenet, 1154–1399

.031 Henry II, 1154–1189

.032 Richard I, 1189–1199

.033 John, 1199–1216

.034 Henry III, 1216–1272

.035 Edward I, 1272–1307

* Add as instructed under 930–990

942.036 Edward II, 1307–1327

.037 Edward III, 1327–1377

For Hundred Years' War, see 944.025

.038 Richard II, 1377–1399

.04 Houses of Lancaster and York, 1399–1485

.041 Henry IV, 1399–1413

.042 Henry V, 1413–1422

.043 Henry VI, 1422–1461

.044 Edward IV, 1461–1483

.045 Edward V, 1483

.046 Richard III, 1483–1485

.05 Tudor period, 1485–1603

.051 Henry VII, 1485–1509

.052 Henry VIII, 1509–1547

.053 Edward VI, 1547–1553

.054 Mary, 1553–1558

.055 Elizabeth I, 1558–1603

.06 Stuart period, 1603–1714

For Anglo-Dutch Wars, see 949.204

.061 James I, 1603–1625

.062 Charles I, 1625–1649

.063 Commonwealth, 1649–1660

For protectorate of Oliver Cromwell, see 942.064; *of Richard Cromwell,* 942.065

.064 Oliver Cromwell, 1653–1658

.065 Richard Cromwell, 1658–1659

.066 Charles II, 1660–1685 (Restoration)

.067 James II, 1685–1688

.068 William III (of Orange) and Mary, 1689–1702

.069 Anne, 1702–1714

942.07 House of Hanover, 1714–1837
.071 George I, 1714–1727
.072 George II, 1727–1760
.073 George III, 1760–1820
Including formation of United Kingdom
.074 George IV, 1820–1830
.075 William IV, 1830–1837
.08 Victoria and House of Windsor, 1837–
.081 Victoria, 1837–1901
.082 20th century, 1901–
Including reign of Edward VII, 1901–1910
For George V, see **942.083**; *period of World War II,* **942.084**; *later 20th century,* **942.085**
.083 George V, 1910–1936
.084 Period of World War II, 1936–1945
Reigns of Edward VIII, 1936 and George VI, 1936–1952
.085 Later 20th century, 1945–
Reign of Elizabeth II, 1952–

943 Central Europe

Use **943.000 1 – 943.000 9** for standard subdivisions and regions

.001–.009 Standard subdivisions and regions of Germany

► 943.01–943.08 Historical periods of Germany

SUMMARY

943.01 Early period and Empire of Charlemagne to 843
.02 Early Holy Roman Empire, 843–1519
.03 Period of Reformation and Counterreformation, 1519–1618
.04 17th century, 1618–1705
.05 Rise of Prussia, 1705–1790
.06 Period of Napoleonic Wars, 1790–1815
.07 Unification, 1815–1866
.08 Empire, Third Reich, republics, 1866–

943.01 Early period and Empire of Charlemagne to 843
.02 Early Holy Roman Empire, 843–1519
.021 Carolingian emperors, 843–911
.022 Conrad I and Saxon emperors, 911–1024
.023 Salian (Franconian) emperors and Lothair II, 1024–1137
.024 Early Hohenstaufen period, 1138–1197
.025 Later Hohenstaufen period and Interregnum, 1198–1273
.026 Early Hapsburgs and others, 1273–1378
.027 House of Luxemburg, 1378–1438
.028 Albert II and Frederick III, 1438–1493
.029 Maximilian I, 1493–1519
.03 Period of Reformation and Counterreformation, 1519–1618
.031 Charles V, 1519–1556
Including wars with France and Schmalkaldic League
.032 Ferdinand I, 1556–1564
.033 Maximilian II, 1564–1576
.034 Rudolf II, 1576–1612
.035 Matthias, 1612–1619
.04 17th century, 1618–1705
.041 Period of Thirty Years' War, 1618–1648
For Matthias, see **943.035**; *Ferdinand II,* **943.042**; *Ferdinand III,* **943.043**
.042 Ferdinand II, 1619–1637
.043 Ferdinand III, 1637–1657
.044 Leopold I, 1658–1705
.05 Rise of Prussia, 1705–1790
.051 Joseph I, Emperor, 1705–1711
.052 Charles VI, Emperor, 1711–1740

943.053 Frederick the Great, King of Prussia, 1740–1786

For Emperor Charles VII, see **943.054**; *Francis I,* **943.055**; *Joseph II,* **943.057**

.054 Charles VII, Emperor, 1742–1745

.055 Francis I, Emperor, 1745–1765

Including period of Seven Years' War, 1756–1763 [*formerly* **943.056**]

[.056] Period of Seven Years' War

Class in **943.055**

.057 Joseph II, Emperor, 1765–1790

.06 Period of Napoleonic Wars, 1790–1815

Including Confederation of the Rhine

.07 Unification, 1815–1866

Including Schleswig-Holstein Wars, 1864–1866

.08 Empire, Third Reich, republics, 1866–

.081 North German Confederation, 1866–1871

For Franco-German War, see **943.082**

.082 Franco-German War, 1870–1871

.083 William I, 1871–1888

.084 Frederick and William II, 1888–1918

.085 Weimar Republic, 1918–1933

.086 Third Reich, 1933–1945

.087 Later 20th century, 1945–

.1 ***Northeastern Germany**

Class here East Germany

.108 7 German Democratic Republic, 1949–

* Add as instructed under **930–990**

943.6 ***Austria**

.602 Medieval period to 1500

.603 16th to 18th centuries, 1500–1815

.604 19th century, 1815–1919

.605 20th century, 1919–

.7 ***Czechoslovakia**

.702 Kingdom of Bohemia to 1918

.703 Republic, 1918–1945

.704 Later 20th century, 1945–

.8 ***Poland**

.802 Early period to 1795

.803 Period of foreign rule, 1795–1918

.804 Republic, 1918–1939

.805 Later 20th century, 1939–

.9 **Other parts of central Europe**

.91 ***Hungary**

.910 2 Arpad dynasty, 894–1301

.910 3 Period of elective kings, 1301–1526

.910 4 Period of foreign rule, 1526–1918

.910 5 20th century, 1918–

944 *France

SUMMARY

944.01 Early history to 987
.02 Growth of royal power, 987–1589
.03 House of Bourbon, 1589–1789
.04 Revolution, 1789–1804
.05 First Empire, 1804–1815
.06 Restoration, 1815–1848
.07 Second Republic and Second Empire, 1848–1870
.08 Third, Fourth, Fifth Republics, 1870–

.01 Early history to 987

Gaul; Merovingian dynasty, 486–751; Carolingian dynasty, 751–987

* Add as instructed under **930–990**

944.02 Growth of royal power, 987–1589
Including wars with Italy, 1494–1559

► 944.021–944.024 House of Capet, 987–1328
.021 Hugh Capet, Robert II, Henry I, 987–1060
.022 Philip I, Louis VI, Louis VII, 1060–1180
.023 Philip II, Louis VIII, Louis IX, 1180–1270
.024 Philip III, Philip IV, Louis X, John I, Philip V, Charles IV, 1270–1328

► 944.025–944.027 House of Valois, 1328–1498
.025 Philip VI, John II, Charles V, 1328–1380
Including Hundred Years' War
.026 Charles VI and Charles VII, 1380–1461
.027 Louis XI, Charles VIII, Louis XII, 1461–1515

► 944.028–944.029 House of Angoulême, 1515–1589
.028 Francis I and Henry II, 1515–1559
For wars with Charles V, see **943.031**
.029 Francis II, Charles IX, Henry III, 1559–1589

.03 House of Bourbon, 1589–1789
.031 Henry IV, 1589–1610
.032 Louis XIII, 1610–1643
.033 Louis XIV, 1643–1715
.034 Louis XV, 1715–1774
.035 Louis XVI, 1774–1792
.04 Revolution, 1789–1804
.041 Period of Estates-General, National Assembly, Legislative Assembly, 1789–1792
.042 First Republic, 1792–1799
For National Convention, see **944.043**; *Directory,* **944.045**

944.043 National Convention, 1792–1795
For Reign of Terror, see **944.044**

.044 Reign of Terror, 1793–1794
.045 Directory, 1795–1799
.046 Consulate, 1799–1804
.05 First Empire, 1804–1815
Including reign of Louis XVIII, 1814–1615; Hundred Days, 1815
For Napoleonic Wars, see **940.27**

.06 Restoration, 1815–1848
.061 Louis XVIII, 1815–1824
.062 Charles X, 1824–1830
.063 Louis Philippe, 1830–1848 (July Monarchy)
.07 Second Republic and Second Empire, 1848–1870
.08 Third, Fourth, Fifth Republics, 1870–
.081 Third Republic, 1870–1945
For Franco-German War, see **943.082**

.081 4 Period of World War I, 1914–1918
.081 5 Between the wars, 1918–1939
.081 6 Period of World War II, 1939–1945
.082 Fourth Republic, 1945–1958
.083 Fifth Republic, 1958–

945 *Italy and adjacent territories

.01 Gothic and Lombard kingdoms, 476–774
.02 Frankish rule, 774–962
.03 German emperors, 962–1122
.04 12th and 13th centuries, 1122–1300
.05 Renaissance period, 1300–1494

* Add as instructed under **930–990**

945.06 Period of European aggression, 1494–1796

For French wars with Italy, see **944.02**; *Spanish and Austrian domination, 1527–1796,* **945.07**

.07 Spanish and Austrian domination, 1527–1796

.08 Growth of nationalism, 1796–1870

.09 Unified kingdom, Fascist regime, Republic, 1870–

Including reigns of Victor Emmanuel II, Humbert I, Victor Emmanuel III, 1870–1947

.091 Fascist regime, 1918–1946

.092 Republic, 1946–

946 Iberian Peninsula and adjacent islands

Use **946.000 1 – 946.000 9** for standard subdivisions and regions

.001–.009 Standard subdivisions and regions of Spain

► 946.01–946.08 Historical periods of Spain

.01 Early history to 711

.02 Moorish dynasties, 711–1479

.03 Union of Castile and Aragon, 1479–1516

Reign of Ferdinand V and Isabella I

.04 Early Hapsburg rulers, 1516–1598

Charles I, Philip II

.05 Later Hapsburg rulers, and Bourbon rulers, 1598–1808

► 946.051–946.053 Hapsburgs

.051 Philip III, 1598–1621

.052 Philip IV, 1621–1665

.053 Charles II, 1665–1700

.054 Bourbon rulers, 1700–1808

For specific Bourbons, see **946.055–946.058**

► 946.055–946.058 Specific Bourbons

946.055 Philip V, 1700–1746

Including War of Jenkins' Ear

.056 Ferdinand VI, 1746–1759

.057 Charles III, 1759–1788

.058 Charles IV, 1788–1808

.06 Period of Peninsular War and rule of Joseph Bonaparte, 1808–1814

.07 Bourbon restoration, 1814–1868

Reigns of Ferdinand VII and Isabella II

.08 Later 19th and 20th centuries, 1868–

Including revolution, 1868–1871; second Bourbon restoration, 1871–1873; First Republic, 1873–1874; reigns of Alfonso XII and Alfonso XIII, 1875–1931

For Spanish-American War, see **973.89**

.081 Second Republic, 1931–1939

.082 Regime of Francisco Franco, 1939–

.9 *Portugal

.901 Early history to 1143

.902 Rise and fall of empire, 1143–1640

.903 Restoration of Portuguese monarchy, 1640–1910

.904 20th century, 1910–

Including Republic, 1910–1926; Novo Estado, 1933–

947 Eastern Europe

Use **947.000 1 – 947.000 9** for standard subdivisions and regions

.001–.009 Standard subdivisions and regions of Russia

► 947.01–947.08 Historical periods of Russia

.01 Origins to 862

.02 Kievan period, 862–1240

* Add as instructed under **930–990**

947.03 Tatar suzerainty, 1240–1480

.04 Growth of nationalism, 1480–1689

Including Livonian War, 1557–1582

.05 Peter I (the Great), 1689–1725

Including Great Northern War, 1700–1721

.06 Growth of empire, 1725–1796

.07 Early 19th century, 1796–1855

Including period of invasion by Napoleon, 1812; Crimean War, 1853–1856

.08 Later 19th and 20th centuries, 1855–

Including reigns of Alexander II, Alexander III, Nicholas II; Russo-Turkish War, 1877–1878

For Russo-Japanese War, see **952.031**

.084 Communist regime, 1917– (Union of Soviet Socialist Republics, 1923–)

For later 20th century, see **947.085**

.084 1 Revolutions, Kerensky, Lenin, 1917–1924

.084 2 Period of Stalin, 1924–1953

For Russo-Finnish War, see **947.103**

.085 Later 20th century, 1953–

.1 *Finland

.101 Early history to end of Swedish rule, 1809

.102 19th century, 1809–1917

.103 Independence, 1917–

Including Russo-Finnish War, 1939–1940

948 *Scandinavia

.01 Early history to 800

.02 Period of migration and conquest, 800–1387

.03 Period of union, 1387–1523

* Add as instructed under **930–990**

948.04 Reformation and rise of Sweden, 1523–1648

.05 Period of conflict, 1648–1792

For Great Northern War, see **947.05**

.06 Napoleonic era, 1792–1814

.07 19th century, 1814–1905

.08 20th century, 1905–

.1 *Norway

.101 Early history to 1387

.102 Union with Denmark, 1387–1814

.103 Union with Sweden, 1814–1905

.104 20th century, 1905–

.5 *Sweden

.501 Early history to 1523

.502 Vasa dynasty, 1523–1654

For Livonian War, see **947.04**

.503 Decline of power, 1654–1818

For Great Northern War, see **947.05**

.504 19th century, 1818–1905

.505 20th century, 1905–

.9 *Denmark

.901 Early history to 1387

.902 Union with Norway and Sweden, 1387–1523

.903 Union with Norway, 1523–1814

For Great Northern War, see **947.05**

.904 19th century, 1814–1906

For Schleswig-Holstein Wars, see **943.07**

.905 20th century, 1906–

* Add as instructed under **930–990**

949 **Other parts of Europe**

.1 ***Northwestern islands**

.12 *Iceland

.120 1 Early history to 1262

.120 2 Medieval period, 1262–1550

.120 3 Early modern period, 1550–1848

.120 4 Modern period, 1848–

.2 ***Netherlands (Holland)**

.201 Early history to 1477

.202 Hapsburg rule, 1477–1568

.203 Struggle for independence, 1568–1648

.204 Dutch Republic, 1648–1795

Including Anglo-Dutch Wars, 1652–1653, 1665–1667; Great Wars against England, France, and allies, 1672–1678; Coalition War, 1690–1697

.205 Napoleonic era, 1795–1830

.206 19th century, 1830–1901

.207 20th century, 1901–

.3 **Southern Low Countries**

Use **949.300 01 – 949.300 09** for standard subdivisions and regions

.300 1–.300 9 Standard subdivisions and regions of Belgium

► 949.301–949.304 Historical periods of Belgium

.301 Early history to 1477

.302 Foreign rule, 1477–1830

.303 19th century, 1830–1909

.304 20th century, 1909–

.35 *Luxembourg

.350 1 Early history to 1482

.350 2 Foreign rule, 1482–1830

.350 3 19th century, 1830–1890

.350 4 20th century, 1890–

* Add as instructed under **930–990**

949.4 *Switzerland

.401 Early history to 1291

.402 Struggle for independence, 1291–1499

.403 Period of the Reformation, 1499–1648

.404 Period of internal strife, 1648–1789

.405 Napoleonic period, 1789–1815

.406 19th century, 1815–1900

.407 20th century, 1900–

.5 ***Greece**

.501 Eastern Roman (Byzantine) Empire, 323–717

Including wars against Avars and Persians

.502 Period of Byzantine prosperity, 717–1057

.503 Dissolution of Byzantine Empire, 1057–1204

.504 Latin and Greek states, 1204–1453

.505 Turkish domination, 1453–1821

.506 Monarchy, 1821–1924

Including Greco-Turkish War, 1896–1897

For Balkan Wars, see **949.6**

.507 20th century, 1924–

.6 ***Balkan Peninsula**

Including Balkan Wars, 1912–1913

.61 *Turkey in Europe (Turkish Thrace)

Add **0** and divide like **956.101–956.103**, e.g., later 20th century, **949.610 3**

.65 *Albania

.650 1 Early history to 1912

.650 2 Early 20th century, 1912–1946

.650 3 Later 20th century, 1946–

* Add as instructed under **930–990**

949.7 **Yugoslavia and Bulgaria**

Use **949.700 01 – 949.700 09** for standard subdivisions and regions

.700 1–.700 9 Standard subdivisions and regions of Yugoslavia

► 949.701–949.702 Historical periods of Yugoslavia

.701 Early history to 1918

For Balkan Wars, see **949.6**

.702 20th century, 1918–

.77 *Bulgaria

.770 1 Early history to 1878

.770 2 Autonomy and independence, 1878–1946

For Balkan Wars, see **949.6**

.770 3 Later 20th century, 1946–

.8 *Romania

.801 Foreign domination to 1861

.802 Monarchy, 1861–1947

For Balkan Wars, see **949.6**

.803 Later 20th century, 1947–

.9 *Aegean Sea islands and Crete

Add **0** and divide like **949.501–949.507**, e.g., early Byzantine period **949.901**

.98 *Crete

.980 1 Early history to 961

.980 2 Greek and Venetian periods, 961–1664

.980 3 Turkish domination, 1664–1898

.980 4 20th century, 1898–

* Add as instructed under **930–990**

950 Asia

Use **950.01–950 09** for standard subdivisions and regions

.1 **Early history to 1162**

.2 **Mongol and Tatar Empires, 1162–1480**

Including reigns of Genghis Khan, ca. 1200–1227; Kublai Khan, ca. 1259–1294; Timur (Tamerlane), ca. 1336–1405

.3 **European exploration and conquest, 1480–1905**

.4 **20th century, 1905–**

.41 Early 20th century, 1905–1945

.42 Later 20th century, 1945–

951 China and adjacent areas

Use **951.000 1 – 951.000 9** for standard subdivisions and regions

.001–.009 Standard subdivisions and regions of China

► 951.01–951.05 Historical periods of China

.01 Early history, 420–960

.02 Sung to Ming dynasties, 960–1644

.025 Yüan (Mongol) dynasty, 1260–1368

.026 Ming dynasty, 1368–1644

.03 Ch'ing (Manchu) dynasty, 1644–1912

For Sino-Japanese War, see **952.031**

.04 Early 20th century, 1912–1949

.041 Early Republic, 1912–1927

.042 Nationalist government, 1927–1949

.05 People's Republic, 1949–

.9 *Korea

.901 Early history to 1392

.902 Yi dynasty, 1392–1910

* Add as instructed under **930–990**

951.903 Japanese period, 1910–1945
.904 Later 20th century, 1945–
.904 2 Korean War, 1950–1953
.904 3 Postwar period, 1953–

952 Japan and adjacent islands

Use **952.000 1 – 952.000 9** for standard subdivisions and regions

.001–.009 Standard subdivisions and regions of Japan

► 952.01–952.04 Historical periods of Japan
.01 Early history to 1185
.02 Feudal period, 1185–1868
.025 Tokugawa (Edo) period, 1603–1868
.03 Re-establishment of imperial power, 1868–1945
.031 Meiji period, 1868–1912
Including Sino-Japanese War, 1894–1895; Russo-Japanese War, 1904–1905
.032 Taishō period, 1912–1926
.033 Early Shōwa period, 1926–1945
.04 Later Shōwa period (Postwar period), 1945–

953 *Arabian Peninsula and adjacent areas

.02 Medieval history, 622–1517
.03 Period of Ottoman rule, 1517–1740
.04 Struggles to overthrow Turks, 1740–1926
.05 20th century, 1926–

954 *South Asia

.02 Asian dynasties and European penetration, 647–1774
.021 Early period, 647–997
.022 Moslem conquests, 997–1206
.023 Slave kings, Khalji and Tughluk dynasties, 1206–1413
.024 Sayyid and Lodi dynasties, 1413–1526

* Add as instructed under **930–990**

954.025 Mogul Empire, 1526–1707
.029 European penetration, 1707–1774
.03 British rule, 1774–1947
.031 East India Company, 1774–1858
.031 7 Sepoy Mutiny, 1857
.035 Control by crown, 1858–1947
.04 Independence and partition, 1947–

.9 *Pakistan

.904 Independence and partition, 1947–

.93 *Ceylon
.930 1 Early history to 1795
.930 2 British period, 1795–1948
.930 3 Independence, 1948–

955 *Iran (Persia)

.02 Medieval history, 642–1499
.03 Rise and fall of Persian dynasties, 1499–1794
.04 19th century, 1794–1906
.05 20th century, 1906–

956 *Middle East

.1 *Asia Minor and adjacent islands

Class here Turkey

.101 Medieval and modern history, ca. 640–1918
For Russo-Turkish War, see **947.08**; *Greco-Turkish War,* **949.506**
.102 Early 20th century, 1918–1945
.103 Later 20th century, 1945–

* Add as instructed under **930–990**

956.4 *South central Asia Minor and Cyprus
.45 *Cyprus
.450 1 Early history to 1571
.450 2 Turkish domination, 1571–1878
.450 3 British period, 1878–1960
.450 4 Independence, 1960–

.7 *Iraq
.702 Medieval history, 642–1553
.703 Period of Ottoman rule, 1553–1920
.704 Mandate and independence, 1920–

.9 *Eastern Mediterranean
.91 *Syria
.910 2 Medieval history, 640–1516
.910 3 Period of Ottoman rule, 1516–1920
.910 4 Mandate and independence, 1920–
Including period of United Arab Republic

.92 *Lebanon
.920 3 Medieval and modern history, 640–1926
.920 4 Separation from Syria, 1926–

.94 *Israel
.940 01 Zionism
.940 2 Pre-Islamic period, 70–640
.940 3 Medieval and modern history, 640–1917
.940 4 British control, 1917–1948
.940 5 Independence, 1948–

.95 *Jordan
.950 3 Medieval and modern history, 640–1923
.950 4 Mandate and independence, 1923–

* Add as instructed under 930–990

957 *Siberia (Asiatic Russia)
.03 Pre-Russian period to 1581
.07 Scattered settlement, 1581–1855
.08 Expanded settlement and exploitation, 1855–
Divide like 947.08, e.g., Siberia under Stalin 957.084 2

958 *Central Asia
.1 *Afghanistan
.101 Early history to 1221
.102 Foreign rulers, 1221–1709
.103 Afghan rulers, 1709–1919
.104 20th century, 1919–

.4 *Turkestan
.407 Pre-Russian period to 1855
.408 Russian period, 1855–
Divide like 947.08, e.g., later 20th century 958.408 5

.5 *Turkmenistan (Turkmen Soviet Socialist Republic)
Add 0 and divide like 958.407–958.408, e.g., pre-Russian period 958.507

.6 *Tadzhikistan (Tadzhik Soviet Socialist Republic)
Add 0 and divide like 958.407–958.408, e.g., Russian period 958.608

.7 *Uzbekistan (Uzbek Soviet Socialist Republic)
Add 0 and divide like 958.407–958.408, e.g., later 20th century 958.708 5

* Add as instructed under 930–990

959 *Southeast Asia

.1 *Burma

.102 Early history to 1826

.103 Period of British conquest, 1826–1885

.104 British rule, 1885–1948

.105 Independence, 1948–

.3 *Thailand (Siam)

.302 Early history to 1782

.303 19th century, 1782–1910

.304 20th century, 1910–

.4 *Laos

.403 Medieval and modern history to 1949

.404 Late 20th century, 1949–

.5 *Malaysia

.503 Medieval and modern history to 1946

.504 Middle 20th century, 1946–1963

.505 Federation, 1963–

.6 *Cambodia

Add 0 and divide like 959.403–959.404, e.g., postwar Cambodia 959.604

.7 *Vietnam

.703 Medieval and modern history to 1949

Including French Indo-China

.704 Late 20th century, 1949–

* Add as instructed under 930–990

960 Africa

Use 960.01–960.09 for standard subdivisions and regions

.2 Early history, 640–1900

.3 20th century

961 *North Africa

.02 Early history, 640–1830

For Tripolitan War with the United States, see 973.47; *Algerian War,* 973.53

.03 19th and 20th centuries, 1830–

.1 *Tunisia

.102 Period of Arab rule, 647–1516

.103 Period of Ottoman rule, 1516–1881

.104 Late 19th and 20th centuries, 1881–1956

.105 Independence, 1956–

.2 *Libya

.202 Periods of Arab and Ottoman rule, 644–1911

.203 Period of Italian rule, 1911–1952

.204 Independence, 1952–

962 Egypt and Sudan

Use 962.000 1 – 962.000 9 for standard subdivisions and regions

.001–.009 Standard subdivisions and regions of Egypt

► 962.02–962.05 Historical periods of Egypt

.02 Period of Arab rule, 640–1517

.03 Period of Ottoman rule, 1517–1882

.04 British occupation and protectorate, 1882–1922

.05 Independence, 1922–

Including United Arab Republic

For period of United Arab Republic in Syria, see 956.910 4

* Add as instructed under 930–990

962.4 *Sudan

.402 From Arab invasion, 7th century, to 1820

.403 Period of Egyptian and British rule, 1820–1956 (Anglo-Egyptian Sudan)

.404 Independence, 1956–

963 *Ethiopia

.02 Period of Arab rule, 640–1543

.03 Period of conquest, 1543–1855

.04 Later 19th century, 1855–1896

Including Ethiopian War, 1895–1896

.05 Early 20th century, 1896–1941

.056 Italo-Ethiopian War, 1935–1936

.057 Italian rule, 1936–1941

.06 Independence restored, 1941–

964 Northwest African coast and offshore islands

Use 964.000 1 – 964.000 9 for standard subdivisions and regions

.001–.009 Standard subdivisions and regions of Morocco

► 964.02–964.04 Historical periods of Morocco

.02 Periods of Arab and Berber rule, 647–1830

.03 19th century, 1830–1900

Including Spanish-Moroccan War, 1859–1860

.04 Early 20th century, 1900–1956

.05 Independence, 1956–

965 *Algeria

.02 Periods of Arab, Berber, Ottoman rule, 647–1830

.03 Later 19th century, 1830–1900

.04 20th century, 1900–1962

.05 Independence, 1962–

* Add as instructed under 930–990

966 *West Africa and offshore islands

.1 *Mauritania

.101 Early history to 1903

.103 French period, 1903–1960

.105 Independence, 1960–

.2 *Mali

.201 Early history to 1902

.203 French period, 1902–1960 (French Sudan)

.205 Independence, 1960–

.25 *Upper Volta

.250 1 Early history to 1904

.250 3 French period, 1904–1960

.250 5 Independence, 1960–

.26 *Niger

Add 0 and divide like 966.250 1 – 966.250 5, e.g., independence 966.260 5

.3 *Senegal

.301 Early history to 1895

.303 French period, 1895–1960

.305 Independence, 1960–

.4 *Sierra Leone

.401 Early history to 1787

.402 British colony, 1787–1896

.403 Colony and protectorate, 1896–1961

.404 Independence, 1961–

.5 *Upper Guinea area

.51 *The Gambia

.510 1 Early history to 1807

.510 2 British colony, 1807–1965

.510 3 Independence, 1965–

* Add as instructed under 930–990

966.52 *Guinea republic
.520 1 Early history to 1882
.520 3 French period, 1882–1958 (French Guinea)
.520 5 Independence, 1958–

.57 *Portuguese Guinea
.570 1 Early history to 1879
.570 2 Colony, 1879–

.58 *Cape Verde Islands
.580 1 Early history to 1900
.580 2 20th century, 1900–

.6 *Liberia
.601 Early history to 1847
.602 Late 19th and early 20th centuries, 1847–1945
.603 Later 20th century, 1945–

.68 *Ivory Coast

Add **0** and divide like **966.250 1 – 966.250 5**, e.g., French period **966.680 3**

.7 *Ghana
.701 Early history to 1874
.703 British colony, 1874–1957 (Gold Coast)
.705 Independence, 1957–

.8 *Dahomey

Add **0** and divide like **966.250 1 – 966.250 5**, e.g., early history **966.801**

.81 *Togo
.810 1 Early history to 1894
.810 2 German period, 1894–1914
.810 3 Anglo-French period, 1914–1960
.810 4 Independence, 1960–

* Add as instructed under **930–990**

966.9 *Nigeria
.901 Early history to 1886
.903 British colony, 1886–1960
.905 Independence, 1960–

967 *Central Africa and offshore islands

.1 *Lower Guinea area

.11 *Cameroun
.110 1 Early history to 1884
.110 2 German period, 1884–1916
.110 3 Anglo-French period, 1916–1959
.110 4 Independence, 1960–

.2 *Gabon and Congo

.21 *Gabon
.210 1 Early history to 1839
.210 2 French period, 1839–1960
.210 4 Independence, 1960–

.24 *Congo (Former Middle Congo)
.240 1 Early history to 1885
.240 3 French period, 1885–1960
.240 5 Independence, 1960–

.3 *Angola
.301 Early history to 1648
.302 17th–19th centuries, 1648–1900
.303 20th century, 1900–

.4 *Central African Republic and Chad

.41 *Central African Republic
.410 1 Early history to 1890
.410 3 French period, 1890–1960 (Ubangi-Shari)
.410 5 Independence, 1960–

* Add as instructed under **930–990**

967.43 *Chad
.430 1 Early history to 1850
.430 2 Colonial period, 1850–1960
.430 4 Independence, 1960–

.5 *Congo (Former Belgian Congo)
.501 Early history to 1885
.502 Belgian period, 1885–1960
.503 Independence, 1960–

.57 *Rwanda and Burundi (Ruanda-Urundi)
.570 1 Early history to 1899
.570 2 German period, 1899–1917
.570 3 Belgian period, 1917–1962
.571 *Rwanda
.571 04 Independence, 1962–
.572 *Burundi
.572 04 Independence, 1962–

.6 *Uganda and Kenya
.61 *Uganda
.610 1 Early history to 1894
.610 3 British period, 1894–1962
.610 4 Independence, 1962–

.62 *Kenya
.620 1 Early history to 1895
.620 3 British period, 1895–1963
.620 4 Independence, 1963–

.7 *Somaliland and Socotra
.71 *French Somaliland
.710 1 Early history to 1881
.710 3 French period, 1881–

* Add as instructed under **930–990**

967.73 *Somalia
.730 1 Early history to 1884
.730 3 British and Italian control, 1884–1960
.730 5 Independence, 1960–

.8 *Tanganyika and Zanzibar (Tanzania)
.804 United Republic, 1964–

.81 *Zanzibar and adjacent islands
.810 1 Early history to 1700
.810 2 Arab rule, 1700–1890
.810 3 British protectorate, 1890–1963
.810 4 Independence, 1963–

.82 *Tanganyika
.820 1 Early history to 1884
.820 2 German period, 1884–1916
.820 3 British period, 1916–1961
.820 4 Independence, 1961–

.9 *Mozambique
Add **0** and divide like **967.301–967.303**, e.g., 20th century **967.903**

968 *South Africa
.02 Early history to 1488
.03 Period of exploration and settlement, 1488–1814
.04 19th century, 1814–1909
For South African (Boer) War, see **968.2**

.05 Union, 1909–1961
.06 Republic, 1961–

* Add as instructed under **930–990**

968.2 *Transvaal

Including South African (Boer) War, 1899–1902

.9 *Rhodesia and Nyasaland

.901 Early history to 1888

.902 British control, 1888–1953

.903 Federation of Rhodesia and Nyasaland (Central African Federation), 1953–1963

.904 Post-Federation, 1964–

969 *South Indian Ocean islands

.1 *Madagascar (Malagasy Republic)

.101 Early history to 1895

.103 French period, 1895–1960

.105 Independence, 1960–

* Add as instructed under 930–990

970 North America

Use 970.001–970.009 for standard subdivisions and regions

Class Indians in 970.1

970.01–970.05 Historical periods

.01 Discovery and exploration to ca. 1600

(Optional; prefer 973.1)

.02 1600–1700

.03 1700–1800

.04 1800–1900

.05 1900–

.051 To end of World War I, 1900–1918

.052 From end of World War I to end of World War II, 1918–1945

.053 Since World War II, 1945–

.1 Indians of North America

History and civilization

For specific tribes, see 970.3; *Indians in specific places,* 970.4; *government relations,* 970.5

[.2] Biography of Indians

Class biographies of persons associated with a specific subject in standard subdivision 092, of persons not so related in 920

.3 Specific Indian tribes

Including Aztecs [*formerly* 972.014], Mayas [*formerly* 972.015]

Arrange alphabetically by names of tribes

For government relations, see 970.5

970.4 **Indians in specific places**

Including pre-Hispanic Indians in Mexico [*formerly* 972.01], in Central America [*formerly* 972.801], in Guatemala [*formerly* 972.810 1], in British Honduras [*formerly* 972.820 1], in Honduras [*formerly* 972.830 1], in El Salvador [*formerly* 972.840 1], in Nicaragua [*formerly* 972.850 1], in Costa Rica [*formerly* 972.860 1], in West Indies [*formerly* 972.901], in Cuba [*formerly* 972.910 1], in Jamaica [*formerly* 972.920 1], in Dominican Republic [*formerly* 972.930 1], in Haiti [*formerly* 972.940 1], in Puerto Rico [*formerly* 972.950 1]

Divide like area notation 7, e.g., Indians in Arizona 970.491

For specific tribes, see 970.3; *government relations,* 970.5

.5 **Government relations with Indians**

History and policy

Class Indian wars of a specific place and period with history of the appropriate place and period, e.g., Black Hawk War 973.56

Class a specific subject of government relations [*formerly* 970.5] with the subject

[.6] **Specific subjects in relation to Indians**

Class with the subject

971 ***Canada**

.01 Early history to 1763

.011 Exploration and early settlement, 1497–1632

.016 French and English expansion, 1632–1689

.018 Struggle of France and England for supremacy, 1689–1763

For King William's War, Queen Anne's War, see 973.25; *King George's War, French and Indian War,* 973.26

.02 Early British rule, 1763–1791

.024 Settlement by Loyalists from United States, 1774–1789

.03 Period of the separate colonies, 1791–1841

.034 Period of War of 1812, 1812–1814

.038 Rebellion, 1837–1838

.039 Union of Upper and Lower Canada, 1841

* Add as instructed under 930–990

971.04 Growth of responsible government, 1841–1867

.048 Fenian invasions, 1866–1871

.049 Confederation under British North America Act, 1867

.05 Dominion of Canada during period 1867–1914

.051 Riel's first (Red River) rebellion, 1869–1870

.054 Riel's second (Northwest) rebellion, 1885

.06 20th century, 1914–

.061 Period of World War I, 1914–1921

.062 Period between World Wars, 1921–1935

.063 Mid-20th century, 1935–1957

.064 Later 20th century, 1957–

.1 ***British Columbia**

.101 Discovery and early exploration, 1774–1790

.102 Settlement and colony, 1790–1871

.103 Province of Canada, 1871–1945

.104 Postwar period, 1945–

.2 ***Northern territories and prairie provinces**

.201 Early history to 1869

.202 Incorporation into Canada, 1869–1945

.203 Postwar period, 1945–

.3 ***Ontario**

.301 Early history to 1791

.302 Upper Canada and Union Act, 1791–1867

.303 Province of Canada, 1867–1945

.304 Postwar period, 1945–

.4 ***Quebec**

.401 French period to 1763

.402 British period, 1763–1867

.403 Province of Canada, 1867–1945

.404 Postwar period, 1945–

* Add as instructed under 930–990

971.5 ***New Brunswick**

.501 Early history to 1784

.502 Separate province, 1784–1867

.503 Province of Canada, 1867–1945

.504 Postwar period, 1945–

.6 ***Nova Scotia**

.601 Early history to 1763

.602 British colony, 1763–1867

.603 Province of Canada, 1867–1945

.604 Postwar period, 1945–

.7 ***Prince Edward Island**

.701 Early history to 1769

.702 Separate province, 1769–1873

.703 Province of Canada, 1873–1945

.704 Postwar period, 1945–

.8 ***Newfoundland and adjacent islands**

.801 Early history to 1855

.802 Responsible government, 1855–1933

.803 Suspension of parliamentary government, 1933–1949

.804 Province of Canada, 1949–

.9 ***Labrador territory of province of Newfoundland**

Add 0 and divide like 971.801–971.804, e.g., postwar history 971.904

* Add as instructed under 930–990

972 Middle America

Use 972.000 1 – 972.000 9 for standard subdivisions and regions

.001–.009 Standard subdivisions and regions of Mexico

[.01] Pre-Hispanic Indians to 1516

Class in 970.4

[.014] Aztecs

Class in 970.3

[.015] Mayas

Class in 970.3

► 972.02–972.08 Historical periods of Mexico

.02 Colonial period, 1516–1810

.03 Revolutionary period and independence, 1810–1822

.04 First empire and republic, 1822–1845

.05 Period of war with United States, 1845–1848

For Mexican War, see 973.62

.06 Reaction and reform, 1848–1861

.07 European intervention, 1861–1867

.08 Republic, 1867–

.081 Under constitution of 1857, 1867–1917

.082 Under constitution of 1917, 1917–

.8 ***Central America**

[.801] Pre-Hispanic Indians to 1502

Class in 970.4

.802 Discovery, exploration, conquest, 1502–1535

.803 Colonial period, 1535–1821

.804 19th century, 1821–1900

.805 20th century, 1900–

* Add as instructed under 930–990

972.81 *Guatemala

Add 0 and divide like **972.802–972.805**, e.g., colonial period, 1535–1821 **972.810 3**

Class pre-Hispanic Indians to 1502 [*formerly* **972.810 1**] in **970.4**

.82 *British Honduras (Belize)

Add 0 and divide like **972.802–972.805**, e.g., colonial period, 1535–1821 **972.820 3**

Class pre-Hispanic Indians to 1502 [*formerly* **972.820 1**] in **970.4**

.83 *Honduras

Add 0 and divide like **972.802–972.805**, e.g., colonial period, 1535–1821 **972.830 3**

Class pre-Hispanic Indians to 1502 [*formerly* **972.830 1**] in **970.4**

.84 *El Salvador

Add 0 and divide like **972.802–972.805**, e.g., colonial period, 1535–1821 **972.840 3**

Class pre-Hispanic Indians to 1502 [*formerly* **972.840 1**] in **970.4**

.85 *Nicaragua

Add 0 and divide like **972.802–972.805**, e.g., colonial period, 1535–1821 **972.850 3**

Class pre-Hispanic Indians to 1502 [*formerly* **972.850 1**] in **970.4**

.86 *Costa Rica

Add 0 and divide like **972.802–972.805**, e.g., colonial period, 1535–1821 **972.860 3**

Class pre-Hispanic Indians to 1502 [*formerly* **972.860 1**] in **970.4**

* Add as instructed under **930–990**

972.9 *West Indies (Antilles)

[.901] Pre-Hispanic Indians to 1492

Class in **970.4**

.902 Discovery, exploration, conquest, 1492–1608

.903 17th and 18th centuries, 1608–1801

.904 19th century, 1801–1902

.905 20th century, 1902–

.91 *Cuba and adjacent islands

[.910 1] Pre-Hispanic Indians to 1492

Class in **970.4**

.910 2 Discovery, exploration, conquest, 1492–1514

.910 3 First colonial period, 1514–1763

.910 4 Second colonial period, 1763–1810

.910 5 Third colonial period, 1810–1899

For Spanish-American War, see **973.89**

.910 6 20th century, 1899–

.910 61 American military occupation, 1899–1902

.910 62 First republic, 1902–1933

.910 63 Second republic, 1933–1958

.910 64 Regime of Fidel Castro, 1959–

.92 *Jamaica and adjacent islands

[.920 1] Pre-Hispanic Indians to 1494

Class in **970.4**

.920 2 16th century, 1494–1607

.920 3 17th and 18th centuries, 1607–1832

.920 31 Later Spanish rule, 1607–1655

.920 32 English conquest to Great Earthquake, 1655–1692

.920 33 Great Earthquake to antislavery struggle, 1692–1782

.920 34 Antislavery struggle to emancipation, 1782–1832

.920 4 Later 19th century, 1832–1904

.920 5 First part of 20th century, 1904–1962

.920 6 Independence, 1962–

* Add as instructed under **930–990**

972.93 *Dominican Republic

[.930 1] Pre-Hispanic Indians to 1492
Class in 970.4

.930 2 Discovery, exploration, conquest, 1492–1608
.930 3 17th and 18th centuries, 1608–1801
.930 4 19th century, 1801–1902
.930 5 20th century, 1902–
.930 53 Regime of Trujillo, 1930–1961
.930 54 Later 20th century, 1961–

.94 *Haiti

[.940 1] Pre-Hispanic Indians to 1492
Class in 970.4

.940 2 Spanish rule, 1492–1625
.940 3 French colony, 1625–1804
.940 4 Independence and republic, 1804–1915
.940 5 American occupation, 1915–1934
.940 6 Republic, 1934–

.95 *Puerto Rico

[.950 1] Pre-Hispanic Indians to 1493
Class in 970.4

.950 2 Discovery and early colonial period, 1493–1602
.950 3 17th and 18th centuries, 1602–1804
.950 4 19th century, 1804–1900
.950 5 20th century, 1900–
.950 53 Commonwealth, 1952–

.983 *Trinidad and Tobago

.983 02 16th–18th centuries, 1498–1797
.983 03 British period, 1797–1962
.983 04 Independence, 1962–

* Add as instructed under 930–990

973 United States

Use 973.01–973.09 for standard subdivisions and regions

► 973.1–973.9 Historical periods

SUMMARY

973.1 Discovery and exploration to 1607
.2 Colonial period, 1607–1775
.3 Revolution and confederation, 1775–1789
.4 Constitutional period, 1789–1809
.5 Early 19th century, 1809–1845
.6 Middle 19th century, 1845–1861
.7 Administration of Abraham Lincoln, 1861–1865 (Civil War)
.8 Later 19th century, 1865–1901 (Period of reconstruction)
.9 20th century, 1901–

.1 Discovery and exploration to 1607

Scope: discovery and exploration of America; if preferred, class in 970.01

Class discoveries and explorations in a specific country with history of the country

.11 Pre-Columbian claims

For Chinese claims, see 973.12; *Norse,* 973.13; *Welsh,* 973.14

.12 Chinese claims
.13 Norse claims
.14 Welsh claims
.15 Discoveries by Columbus
.16 Spanish and Portuguese explorations
.17 English explorations
.18 French explorations
.19 Explorations of other nations

.2 Colonial period, 1607–1775

Class local history in 974–975

.21 Virginia settlements, 1607–1620

973.22 Other early settlements, 1620–1643

By English in New England and elsewhere, by Dutch on Hudson River, by Swedes on Delaware River

Including Pequot War, 1636–1638

.23 Middle 17th century, 1643–1664

.24 Later 17th century, 1664–1689

Including King Philip's War, 1675–1676

.25 Period of early French wars, 1689–1732

Including King William's War, Queen Anne's War

.26 Extension of English rule, 1732–1763

Including King George's War, French and Indian War

.27 End of colonial period, 1763–1775

Including Pontiac's conspiracy, 1763–1764

.3 Revolution and confederation, 1775–1789

.302 2 Audio-visual materials [*formerly* 973.39]

SUMMARY

973.31 Social, political, economic history
.32 Diplomatic history
.33 Land operations
.34 Military units
.35 Naval history
.36 Celebrations, commemorations, memorials
.37 Prisons and health services
.38 Other topics

.31 Social, political, economic history

For diplomatic history, see 973.32

.311 Causes

.311 1 Stamp Act, 1765–1766

.311 2 Commercial restrictions

Navigation Acts, Townshend Acts, burning of the Gaspée, 1772

For tax on tea, see 973.311 5

.311 3 Quartering of troops and Boston Massacre, 1770

973.311 4 Taxation and representation

.311 5 Tax on tea and Boston Tea Party, 1773

.311 6 Boston Port Bill, 1774

.312 Continental Congress

.313 Declarations of independence, 1775–1776

.314 Loyalists (Tories)

For settlement of Loyalists in Canada, see 971.024

.315 Relation of specific classes of persons to the Revolution

Use 973.315 000 1 – 973.315 000 9 for standard subdivisions

Divide like 001–999, e.g., clergy and the Revolution 973.315 2

.316 Results

For Treaty of Peace, see 973.317; *Confederation,* 973.318

.317 Treaty of Peace, 1783

.318 Confederation, 1783–1789

.32 Diplomatic history

Relations of United States with other nations

Divide like area notation 4, e.g., relations with France 973.324

.33 Land operations

Scope: comprehensive works on land and naval operations

For naval operations, see 973.35

.331 Operations of 1775

.331 1 Battles of Lexington and Concord

.331 2 Battle of Bunker Hill

.332 Operations of 1776 – January 3, 1777

Including Battles of Trenton and Princeton

.333 Operations of 1777

For Battles of Trenton and Princeton, see 973.332; *winter at Valley Forge,* 973.334 1

973.334 Operations of 1778

.334 1 Winter at Valley Forge, 1777–1778

.335 Operations of 1779

.336 Operations of 1780

.337 Operations of 1781

.338 Operations of 1782

.339 Operations of 1783

.34 Military units

Scope: organization, history, rosters, service records

Class units engaged in a special service with the subject

For land operations, see 973.33; *naval units,* 973.35; *rolls of honor and lists of dead,* 973.36

.341 British side

For mercenary troops, see 973.342; *Indian allies,* 973.343

.342 Mercenary troops

.343 Indian allies

► 973.344–973.347 American side

.344 Troops from northern states

Divide like area notation 74, e.g., Pennsylvania troops 973.344 8

.345 Troops from southern states

Divide like area notation 75, e.g., Virginia troops 973.345 5

.346 Auxiliary troops

Including Polish, Swedish, Spanish

For French troops, see 973.347

.347 French troops

.35 Naval history

Operations, ships, units

Including privateering

973.36 Celebrations, commemorations, memorials

Including rolls of honor, lists of dead

Class celebrations, commemorations, memorials of a specific event with the event

.37 Prisons and health services

Including exchange of prisoners

.371 British prisons and prison ships

.372 American prisons

.375 Medical services

For hospitals, see 973.376

.376 Hospitals

.38 Other topics

Including personal narratives

Class personal narratives on a specific subject with the subject

.381 Treason

For treason of Benedict Arnold, see 973.382; *of Charles Lee,* 973.383

.382 Treason of Benedict Arnold

.383 Treason of Charles Lee

► 973.385–973.386 Secret service and spies

.385 American

.386 British

.388 Propaganda

[.39] Audio-visual materials

Class in 973.302 2

.4 Constitutional period, 1789–1809

.41 Administration of George Washington, 1789–1797

For Indian wars, see 973.42; *second term,* 973.43

.42 Indian wars, 1790–1791

973.43 Washington's second term, 1793–1797

.44 Administration of John Adams, 1797–1801

For troubles with France, see **973.45**

.45 Troubles with France, 1797–1800

.46 Administration of Thomas Jefferson, 1801–1809

For Tripolitan War, see **973.47**; *second term,* **973.48**

.47 Tripolitan War, 1801–1805

.48 Jefferson's second term, 1805–1809

.5 Early 19th century, 1809–1845

.51 Administration of James Madison, 1809–1817

For War of 1812, see **973.52**; *war with Algeria,* **973.53**

.52 War of 1812, 1812–1814

.520 22 Audio-visual materials [*formerly* 973.529]

.521 Social, political, economic history

Including causes, results

For diplomatic history, see **973.522**

.522 Diplomatic history

Relations of United States with other nations

.523 Land operations

Scope: comprehensive works on land and naval operations

Including campaigns and battles in the North and Canada

For naval operations, see **973.525**

.523 8 Operations in the South

Including Battle of Bladensburg, burning of Washington, bombardment of Fort McHenry

For Battle of New Orleans, see **973.523 9**

.523 9 Battle of New Orleans

973.524 Military units

Scope: organization, history, rosters, service records

Class units engaged in a special service with the subject

For land operations, see **973.523**; *naval units,* **973.525**; *rolls of honor and lists of dead,* **973.526**

.524 1 British troops

.524 2 Indian allies of British

.524 4–.524 7 American troops

Divide like area notations **74–77**, e.g., Pennsylvania troops **973.524 48**

.525 Naval history

Operations, ships, units

Including privateering

.525 4 Battle of Lake Erie

.525 6 Battle of Lake Champlain

.526 Celebrations, commemorations, memorials

Including rolls of honor, lists of dead

Class celebrations, commemorations, memorials of a specific event with the event

.527 Prisons and health services

Including exchange of prisoners

.527 5 Medical services

Including hospitals

.528 Other topics

Including personal narratives

Class personal narratives on a specific subject with the subject

.528 5 Secret service and spies

[.529] Audio-visual materials

Class in **973.520 22**

.53 War with Algeria, 1815

973.54 Administration of James Monroe, 1817–1825
Including First Seminole War, 1818

.55 Administration of John Quincy Adams, 1825–1829

.56 Administration of Andrew Jackson, 1829–1837
Including Black Hawk War, 1832

.561 Nullification

.57 Administration of Martin Van Buren, 1837–1841
Including Second Seminole War, 1835–1842

.58 Administrations of William Henry Harrison and John Tyler, 1841–1845

.6 Middle 19th century, 1845–1861

.61 Administration of James Knox Polk, 1845–1849
For Mexican War, see 973.62

.62 Mexican War, 1845–1848

.620 22 Audio-visual materials [*formerly* 973.629]

.621 Social, political, economic history
Including causes, results
For diplomatic history, see 973.622

.622 Diplomatic history
Relations of United States with other nations

.623 Land operations
Scope: comprehensive works on land and naval operations
For naval operations, see 973.625

.624 Military units
Organization, history, rosters, service records
Class units engaged in a special service with the subject
For land operations, see 973.623; *naval units,* 973.625; *rolls of honor and lists of dead,* 973.626

.625 Naval history
Operations, ships, units

973.626 Celebrations, commemorations, memorials
Including rolls of honor, lists of dead
Class celebrations, commemorations, memorials of a specific event with the event

.627 Prisons and health services

.627 5 Medical services
Including hospitals

.628 Personal narratives
Class personal narratives on a specific subject with the subject

[.629] Audio-visual materials
Class in 973.620 22

.63 Administration of Zachary Taylor, 1849–1850

.64 Administration of Millard Fillmore, 1850–1853

.66 Administration of Franklin Pierce, 1853–1857

.68 Administration of James Buchanan, 1857–1861

.7 Administration of Abraham Lincoln, 1861–1865 (Civil War)

.702 2 Audio-visual materials [*formerly* 973.79]

SUMMARY

973.71 Social, political, economic history
.72 Diplomatic history
.73 Land operations
.74 Military units
.75 Naval history
.76 Celebrations, commemorations, memorials
.77 Prisons, health, social services
.78 Other topics

.71 Social, political, economic history
For diplomatic history, see 973.72

.711 Causes

.711 2 Extension of slavery

973.711 3 Compromises

Missouri Compromise, Compromise of 1850, Wilmot Proviso

.711 4 Abolition movement

.711 5 Fugitive slaves

Including underground railway, Dred Scott decision

.711 6 John Brown's raid

.712 Efforts to preserve peace

.713 The South and secession

Confederate States of America in the war

.714 Results

Including Emancipation Proclamation, establishment of Freedmen's Bureau

For period of reconstruction, see 973.8

.715 Relation of specific classes of persons to the war

Use 973.715 000 1 – 973.715 000 9 for standard subdivisions

Divide like 001–899, e.g., college students and the war 973.715 378

For southern Union sympathizers, see 973.717; *northern Confederate sympathizers,* 973.718

.715 9 Refugees

.717 Southern Union sympathizers

.718 Northern Confederate sympathizers

.72 Diplomatic history

Including relations of Union with other nations

.721 Relations of Confederacy with other nations

.73 Land operations

Scope: comprehensive works on land and naval operations

For naval operations, see 973.75

.730 1 Strategy

.730 12 Union side

.730 13 Confederate side

973.731 Opening phase, 1861–1862

Bombardment of Fort Sumter, First Battle of Bull Run (Manassas); operations in the West, May 1861–February 1862, in the South, July 1861–April 1862

.732 Spring and summer, 1862

Campaigns to open Mississippi River: capture of Forts Henry and Donelson, fall of Nashville, occupation of Memphis, Battle of Shiloh (Pittsburg Landing), capture of New Orleans, siege of Corinth; Peninsular campaign of Army of the Potomac from siege of Yorktown to Second Battle of Bull Run (Manassas)

.733 Summer and fall, 1862

Including campaigns in the South other than those connected with opening the Mississippi, April 1862–June 1863; in the West, June 1862–January 1863; in Texas, New Mexico, Arizona to May 1863; Burnside's offensive, Battle of Fredericksburg

.733 6 Lee's invasion of Maryland

Including Battles of Harper's Ferry, South Mountain, Antietam (Sharpsburg)

.734 Summer, 1863

Including trans-Mississippi campaigns to end of year; western campaigns: siege of Port Hudson, Louisiana; eastern campaigns: Hooker's offensive, Battle of Chancellorsville

.734 4 Siege and fall of Vicksburg

.734 9 Battle of Gettysburg

.735 Fall, 1863

Including campaigns in the South: bombardment of Fort Sumter and Charleston, Chickamauga and Knoxville campaigns

.735 9 Chattanooga campaign

Including Battles of Lookout Mountain, Missionary Ridge

.736 Winter and spring, 1864

Campaigns in the East, January-May; in the South, January-November; Union offensive from Wilderness to Cold Harbor, Peninsular campaign, engagements at New Market, Lynchburg, Monocacy, Fort Stevens

973.737 Summer and fall, 1864

Including Sherman's Atlanta campaign, Sheridan in the Shenandoah Valley, siege of Petersburg

.737 8 Sherman's march to the sea and Savannah campaign

.738 Final phase, 1865

.74 Military units

Scope: organization, history, rosters, service records

Class units engaged in a special service with the subject

For land operations, see 973.73; *naval units,* 973.75; *rolls of honor and lists of dead,* 973.76

.741 Union troops

For state organizations, see 973.744–973.749

.741 5 Negroes

.742 Confederate troops

For state organizations, see 973.744–973.749

.744–.749 State organizations

Divide like area notations 74–79, e.g., Ohio troops 973.747 1

.75 Naval history

Including operations, privateering, blockade running, Union ships and units

.752 Battle of Monitor and Merrimac

.754 Battle of Kearsarge and Alabama

.757 Confederate Navy

Ships and units

.76 Celebrations, commemorations, memorials

Including rolls of honor, lists of dead

Class celebrations, commemorations, memorials of a specific event with the event

973.77 Prisons, health, social services

Including exchange of prisoners

.771 Confederate prisons

.772 Union prisons

.775 Medical services

For hospitals, see 973.776

.776 Hospitals

.777 Welfare work

Including United States Sanitary Commission, postwar relief work

.778 Religious life and chaplain services

.78 Other topics

► 973.781–973.782 Personal narratives

Class personal narratives on a specific subject with the subject

.781 Individuals from Union side

.782 Individuals from Confederate side

.783 Military life and customs of Union side

.784 Military life and customs of Confederate side

Class Southern home life [*formerly* 973.784] in 917.503 7

► 973.785–973.786 Secret service and spies

.785 Union

.786 Confederate

.788 Propaganda

[.79] Audio-visual materials

Class in 973.702 2

973.8 **Later 19th century, 1865–1901 (Period of reconstruction)**

.81 Administration of Andrew Johnson, 1865–1869

.82 Administration of Ulysses Simpson Grant, 1869–1877

.83 Administration of Rutherford Birchard Hayes, 1877–1881

.84 Administrations of James Abram Garfield and Chester Alan Arthur, 1881–1885

.85 First administration of Grover Cleveland, 1885–1889

.86 Administration of Benjamin Harrison, 1889–1893

.87 Second administration of Grover Cleveland, 1893–1897

.88 Administration of William McKinley, 1897–1901

For Spanish-American War, see **973.89**

.89 Spanish-American War, 1898

.890 22 Audio-visual materials [*formerly* 973.899]

.891 Social, political, economic history

Including causes, results

For diplomatic history, see **973.892**

.892 Diplomatic history

Relations of United States with other nations

.893 Land operations

Scope: comprehensive works on land and naval operations

For naval operations, see **973.895**

.893 3 Cuban campaign

.893 5 Puerto Rican campaign

.893 7 Philippine campaign

.894 Military units

Organization, history, rosters, service records

Class units engaged in a special service with the subject

For land operations, see **973.893**; *naval units,* **973.895**; *rolls of honor and lists of dead,* **973.896**

.895 Naval history

Operations, ships, units

973.896 Celebrations, commemorations, memorials

Including rolls of honor, lists of dead

Class celebrations, commemorations, memorials of a specific event with the event

.897 Prisons, health, social services

.897 5 Medical services

Including hospitals

.898 Personal narratives

Class personal narratives on a specific subject with the subject

[.899] Audio-visual materials

Class in **973.890 22**

.9 20th century, 1901–

.91 Early 20th century, 1901–1953

.911 Administration of Theodore Roosevelt, 1901–1909

.912 Administration of William Howard Taft, 1909–1913

.913 Administration of Woodrow Wilson, 1913–1921

.914 Administration of Warren Gamaliel Harding, 1921–1923

.915 Administration of Calvin Coolidge, 1923–1929

.916 Administration of Herbert Clark Hoover, 1929–1933

.917 Administration of Franklin Delano Roosevelt, 1933–1945

.918 Administration of Harry S. Truman, 1945–1953

.92 Later 20th century, 1953–

.921 Administration of Dwight David Eisenhower, 1953–1961

.922 Administration of John Fitzgerald Kennedy, 1961–1963

.923 Administration of Lyndon Baines Johnson, 1963–

► **974–979 Specific states of United States**

974 *Northeastern states

.01 Discovery and early settlement to 1620

.02 Colonial period, 1620–1776

.03 Revolution to Civil War, 1776–1865

.04 Since Civil War, 1865–

► **974.1–974.6 New England**

.1 *Maine

.101 Discovery and early settlement to 1620

.102 Colonial period, 1620–1776

.103 Postcolonial period and statehood, 1776–1865

.104 Modern period, 1865–

.2 *New Hampshire

Add 0 and divide like 974.101–974.104, e.g., colonial period 974.202

.3 *Vermont

Add 0 and divide like 974.101–974.104, e.g., early settlement 974.301

.4 *Massachusetts

Add 0 and divide like 974.101–974.104, e.g., colonial period 974.402

.5 *Rhode Island

Add 0 and divide like 974.101–974.104, e.g., modern period 974.504

.6 *Connecticut

Add 0 and divide like 974.101–974.104, e.g., postcolonial period 974.603

* Add as instructed under 930–990

► **974.7–974.9 Middle Atlantic states**

974.7 *New York

Add 0 and divide like 974.101–974.104, e.g., New Amsterdam 974.702

.8 *Pennsylvania

Add 0 and divide like 974.101–974.104, e.g., modern period 974.804

.9 *New Jersey

Add 0 and divide like 974.101–974.104, e.g., colonial period 974.902

975 *Southeastern states (South Atlantic states)

Add 0 and divide like 974.01–974.04, e.g., colonial period 975.02

.1 *Delaware

Add 0 and divide like 974.101–974.104, e.g., colonial period 975.102

.2 *Maryland

Add 0 and divide like 974.101–974.104, e.g., postcolonial period 975.203

.3 *District of Columbia (Washington)

.301 Early period to 1800

.302 Federal city, 1800–1865

.303 Postwar period and early 20th century, 1865–1933

.304 Metropolis and world capital, 1933–

.4 *West Virginia

Add 0 and divide like 974.101–974.104, e.g., modern period 975.404

.5 *Virginia

Add 0 and divide like 974.101–974.104, e.g., colonial period 975.502

* Add as instructed under 930–990

975.6 *North Carolina

Add 0 and divide like 974.101–974.104, e.g., modern period 975.604

.7 *South Carolina

Add 0 and divide like 974.101–974.104, e.g., colonial period 975.702

.8 *Georgia

Add 0 and divide like 974.101–974.104, e.g., discovery and early settlement 975.801

.9 *Florida

.901 Early Spanish period, 1513–1763
.902 English period, 1763–1783
.903 Spanish period, 1783–1821
.904 Territorial period, 1821–1845
.905 Post-territorial period and statehood, 1845–1865
.906 Modern period, 1865–

976 *South central states

.01 Discovery and early exploration to 1700
.02 Foreign domination, 1700–1800
.03 Early 19th century, 1800–1865
.04 Since Civil War, 1865–

► 976.1–976.4 Gulf states

.1 *Alabama

.101 Discovery and early exploration, 1539–1701
.102 French period, 1701–1763
.103 British period, 1763–1783
.104 Spanish and territorial periods, 1783–1817
.105 Territorial period and statehood, 1817–1865
.106 Modern period, 1865–

* Add as instructed under 930–990

976.2 *Mississippi

Add 0 and divide like 976.101–976.106, e.g., British period 976.203

.3 *Louisiana

.301 Discovery and early exploration, 1528–1718
.302 French period, 1718–1763
.303 Spanish period, 1763–1803
.304 French and territorial periods, 1803–1812
.305 Early statehood, 1812–1865
.306 Modern period, 1865–

.4 *Texas

.401 Discovery and early exploration, 1519–1680
.402 Spanish and French periods, 1680–1821
.403 Mexican period, 1821–1836
.404 Republic, 1836–1846
.405 Early statehood, 1846–1865
.406 Modern period, 1865–

.6 *Oklahoma

.601 Discovery and early exploration, 1541–1682
.602 French and Spanish periods, 1682–1803
.603 Indian Territory, 1803–1866
.604 Territorial period and statehood, 1866–1907
.605 Modern period, 1907–

.7 *Arkansas

.701 Discovery and early exploration, 1541–1686
.702 French and Spanish periods, 1686–1803
.703 Preterritorial and territorial periods, 1803–1836
.704 Early statehood, 1836–1865
.705 Modern period, 1865–

* Add as instructed under 930–990

976.8 *Tennessee
- .801 Discovery and early exploration, 1541–1682
- .802 French, Spanish, English periods, 1682–1769
- .803 Early settlement and territorial period, 1769–1796
  - Including District of Washington, State of Franklin
- .804 Early statehood, 1796–1865
- .805 Modern period, 1865–

.9 *Kentucky
- .901 Discovery and early exploration, 1584–1736
- .902 French and territorial period, 1736–1792
  - Including Transylvania Colony
- .903 Early statehood, 1792–1865
- .904 Modern period, 1865–

977 *North central states
- .01 Discovery and early settlement to 1787
- .02 Early 19th century, 1787–1865
- .03 Since Civil War, 1865–

► 977.1–977.6 Lake states

.1 *Ohio
- .101 Discovery and early settlement to 1763
- .102 British and early United States periods, 1763–1787
- .103 Territorial period and early statehood, 1787–1865
- .104 Modern period, 1865–

.2 *Indiana

Add 0 and divide like 977.101–977.104, e.g., territorial period 977.203

.3 *Illinois

Add 0 and divide like 977.101–977.104, e.g., territorial period 977.303

* Add as instructed under 930–990

977.4 *Michigan

Add 0 and divide like 977.101–977.104, e.g., modern period 977.404

.5 *Wisconsin

Add 0 and divide like 977.101–97.104, e.g., territorial period 977.503

.6 *Minnesota
- .601 Discovery and early settlement to 1660
- .602 French period, 1660–1783
- .603 Preterritorial period, 1783–1849
- .604 Territorial period and early statehood, 1849–1900
- .605 Modern period, 1900–

.7 *Iowa
- .701 Discovery and early settlement, 1673–1838
- .702 Territorial period and early statehood, 1838–1900
- .703 Modern period, 1900–

.8 *Missouri
- .801 Discovery and early settlement, 1673–1750
- .802 French and Spanish periods, 1750–1803
- .803 Territorial period and early statehood, 1803–1900
- .804 Modern period, 1900–

978 *Western states
- .01 Early history to 1800
- .02 19th century, 1800–1900
- .03 20th century, 1900–

.1 *Kansas
- .101 Discovery and early exploration, 1541–1803
- .102 Territorial period, 1803–1861
- .103 Statehood, 1861–

* Add as instructed under 930–990

978.2 *Nebraska
.201 Discovery and early exploration, 1739–1854
.202 Territorial period, 1854–1867
.203 Statehood, 1867–
.3 *South Dakota
.301 Discovery and early exploration, 1743–1861
.302 Territorial period, 1861–1889
.303 Statehood, 1889–
.4 *North Dakota
Add 0 and divide like 978.301–978.303, e.g., territorial period 978.402

► 978.6–978.9 Rocky Mountains states

.6 *Montana
.601 Discovery and early exploration, 1803–1864
.602 Territorial period, 1864–1899
.603 Statehood, 1899–
.7 *Wyoming
.701 Discovery and early exploration, 1743–1868
.702 Territorial period, 1868–1890
.703 Statehood, 1890–
.8 *Colorado
.801 Discovery and early exploration, 1541–1803
.802 Acquisition and territorial period, 1803–1876
.803 Statehood, 1876–
.9 *New Mexico
.901 Discovery and early exploration, 1540–1598
.902 Spanish period, 1598–1821
.903 Mexican period, 1821–1848
.904 Territorial period, 1848–1912
.905 Statehood, 1912–

* Add as instructed under 930–990

979 *States of Great Basin and Pacific Slope

Add 0 and divide like 978.01–978.03, e.g., 20th century 979.03

.1 *Arizona
Add 0 and divide like 978.901–978.905, e.g., territorial period 979.104

.2 *Utah
.201 Discovery and early exploration, 1776–1848
.202 Territorial period, 1848–1896
.203 Statehood, 1896–
.3 *Nevada
.301 Discovery and early exploration, 1825–1861
.302 Territorial period and early statehood, 1861–1900
.303 Modern period, 1900–
.4 *California
.401 Discovery and early exploration, 1542–1769
.402 Spanish period, 1769–1822
.403 Mexican period, 1822–1848
.404 Territorial period and early statehood, 1848–1900
.405 Modern period, 1900–
.5 *Oregon
.501 Discovery and early exploration, 1543–1778
.502 Spanish and British periods, 1778–1819
.503 Preterritorial and territorial periods, 1819–1859
.504 Statehood, 1859–
.6 *Idaho
.601 Discovery and early exploration, 1805–1863
.602 Territorial period, 1863–1890
.603 Statehood, 1890–

* Add as instructed under 930–990

979.7 *Washington

.701 Discovery and early exploration, 1592–1818

.702 British and preterritorial periods, 1818–1853

.703 Territorial period, 1853–1889

.704 Statehood, 1889–

.8 *Alaska

.801 Discovery and early exploration, 1741–1799

.802 Russian period, 1799–1867

.803 Preterritorial period, 1867–1912

.804 Territorial period, 1912–1959

.805 Statehood, 1959–

* Add as instructed under 930–990

980 South America

Use 980.001–980.009 for standard subdivisions and regions

Class Indians in 980.1

980.01–980.03 Historical periods

.01 Early history to 1806

Discovery, exploration, colonization

.02 Wars of Independence, 1806–1830

.03 Later 19th and 20th centuries, 1830–

.1 **Indians of South America**

History and civilization

For specific tribes, see 980.3; *Indians in specific places,* 980.4; *government relations,* 980.5

[.2] **Biography of Indians**

Class biographies of persons associated with a specific subject in standard subdivision 092, of persons not so related in 920

.3 **Specific Indian tribes**

Including Incas [*formerly* 985.01]

Arrange alphabetically by names of tribes

For government relations, see 980.5

.4 **Indians in specific places**

Including pre-Hispanic Indians in Argentina [*formerly* 982.01], in Chile [*formerly* 983.01], in Bolivia [*formerly* 984.01], in Peru [*formerly* 985.01], in Colombia [*formerly* 986.101], in Panama [*formerly* 986.201], in Venezuela [*formerly* 987.01], in Paraguay [*formerly* 989.201], in Uruguay [*formerly* 989.501]

Divide like area notation 8, e.g., Indians in Brazil 980.41

For specific tribes, see 980.3; *government relations,* 980.5

.5 **Government relations with Indians**

History and policy

Class a specific subject of government relations [*formerly* 970.5] with the subject

[.6] **Specific subjects in relation to Indians**

Class with the subject

981 *Brazil

.01 Discovery and conquest to 1534

.02 Hereditary captaincies, 1534–1549

.03 Colonial period, 1549–1822

.04 Empire, 1822–1889

For Paraguayan War, see **989.205**

.05 First republic, 1889–1930

.06 20th century, 1930–

982 *Argentina

[.01] Pre-Hispanic Indians to 1516

Class in **980.4**

.02 Discovery, conquest, colonization, 1516–1810

.03 Revolutionary period and Wars of Independence, 1810–1829

.04 Republic, 1829–1861

.05 Constitutional period, 1861–1910

For Paraguayan War, see **989.205**

.06 20th century, 1910–

983 *Chile

[.01] Pre-Hispanic Indians to 1535

Class in **980.4**

.02 Discovery and conquest, 1535–1560

.03 Colonial period, 1560–1810

.04 Republic, 1810–1830

.05 Autocratic republic, 1830–1861

.06 Later republics, 1861–

.061 Liberal republic, 1861–1891

Including war with Spain, War of the Pacific, 1879–1883

* Add as instructed under **930–990**

983.062 Revolution of 1891

.063 Democratic republic, 1891–1924

.064 Republic, 1924–

984 *Bolivia

[.01] Pre-Hispanic Indians to 1532

Class in **980.4**

.02 Discovery and conquest, 1532–1559

.03 Colonial period, 1559–1809

.04 Republic, 1809–1899

.041 War of Independence, 1809–1825

.042 First republic, 1825–1831

.044 Administration of Andrés Santa Cruz, 1831–1839

Including confederation with Peru, 1835–1836

.045 Period of boundary wars, 1839–1883

For War of the Pacific, see **983.061**

.046 Conservative republic, 1883–1899

.05 20th century, 1899–

985 *Peru

[.01] Pre-Hispanic Indians to 1519

Class Incas in **980.3**, comprehensive works on pre-Hispanic Indians in Peru in **980.4**

.02 Discovery and conquest, 1519–1555

.03 Colonial period, 1555–1808

.04 Independence, 1808–1824

.05 Rise of military power, 1824–1867

Including confederation with Bolivia, 1835–1836

.06 Later 19th and 20th centuries, 1867–

.061 1867–1883

For War of the Pacific, see **983.061**

* Add as instructed under **930–990**

985.062 Reconstruction, 1883–1895
.063 20th century, 1895–

986 *Northwestern South America and Panama

.1 *Colombia

.101 Discovery and conquest to 1550
Class pre-Hispanic Indians [*formerly* **986.101**] in **980.4**

.102 Colonial period, 1550–1810
.103 Independence, 1810–1819
.104 Republic of Colombia, 1819–1830
.105 New Granada, 1831–1863
.106 Later republics, 1863–
.106 1 United States of Colombia, 1863–1886
.106 2 Republic of Colombia, 1886–1930
.106 3 Later 20th century, 1930–

.2 *Panama

.201 Discovery and conquest to 1550
Class pre-Hispanic Indians [*formerly* **986.201**] in **980.4**

.202 Colonial period, 1550–1821
.203 19th century, 1821–1903
.204 Independence, 1903–1904
.205 Republic, 1904–

.6 *Ecuador

.601 Discovery and conquest to 1561
.602 Colonial period, 1562–1809
.603 Independence, 1810–1822
.604 Quito Presidency as part of Greater Colombia, 1822–1830
.605 Republic, 1830–1859
.606 Restoration, 1860–1895
.607 20th century, 1896–

* Add as instructed under **930–990**

987 *Venezuela

[.01] Pre-Hispanic Indians to 1498
Class in **980.4**

.02 Discovery and conquest, 1498–1528
.03 Colonial period, 1528–1806
.04 Independence, 1806–1819
.05 Venezuela as part of Greater Colombia, 1819–1830
.06 Later 19th and 20th centuries, 1830–
.061 Republic, 1830–1864
.062 Federal period, 1864–1900
.063 20th century, 1900–

988 *Guiana

.01 Early history to 1815
.02 1815–1945
.03 Later 20th century, 1945–

989 Other parts of South America

.2 *Paraguay

[.201] Pre-Hispanic Indians to 1524
Class in **980.4**

.202 Discovery, exploration, conquest, 1524–1537
.203 Colonial period, 1537–1811
.204 Independence, 1811–1814
.205 Dictatorship, 1814–1870
Including Paraguayan War, 1865–1870

.206 Republic, 1870–1902
.207 20th century, 1902–

* Add as instructed under **930–990**

989.5 ***Uruguay**

[.501] Pre-Hispanic Indians to 1516

Class in **980.4**

.502 Discovery and conquest, 1516–1724

.503 Colonial period, 1724–1811

.504 Independence, 1811–1825

.505 Republic and national state, 1825–1886

.505 5 National state, 1830–1886

For Paraguayan War, see **989.205**

.506 Late 19th and 20th centuries, 1886–

* Add as instructed under **930–990**

990 Other parts of world

Use **990.01–990.09** for standard subdivisions and regions

► **991–996 Pacific Ocean islands (Oceania)**

► **991–995 Southwest Pacific**

991 Malay Archipelago

Use **991.000 1 – 991.000 9** for standard subdivisions and regions

.001–.009 Standard subdivisions and regions of Indonesia

► 991.01–991.03 Historical periods of Indonesia

.01 Early history to 1602

.012 Hindu-Buddhist era to 1478

.015 Moslem rule, 1478–1602

.02 Dutch period, 1602–1945

.021 East India Company, 1602–1798

.022 Netherlands East Indies, 1798–1945

Including Java War, 1825–1830

.03 Republic, 1945–

.15 *North Borneo

Add **0** and divide like **959.503–959.505**, e.g., middle 20th century **991.150 4**

.4 ***Philippine Islands**

.401 Discovery and early history to 1564

.402 Spanish period, 1564–1898

.402 7 Insurrection, 1896–1898

.403 United States period, 1898–1946

.403 1 Insurrection, 1898–1901

.403 2 United States rule, 1901–1935

.403 5 Commonwealth, 1935–1946

.404 Republic, 1946–

* Add as instructed under **930–990**

992 ***Sunda Islands**

Add 0 and divide like **991.01–991.03**, e.g., Republic **992.03**

993 ***New Zealand and Melanesia**

.1 ***New Zealand**

.101 Early history to 1840

Including Maori period

.102 Colonial period, 1840–1907

.103 Dominion status, 1907–

994 ***Australia**

.01 Early history to 1788

.02 Settlement and early growth, 1788–1851

.03 Colonial administration, 1851–1901

.04 Commonwealth, 1901–1945

.05 Later 20th century, 1945–

995 ***New Guinea (Papua)**

996 **Other parts of Pacific**

.9 **North central Pacific**

Use **996.900 01 – 996.900 09** for standard subdivisions and regions

.900 1–.900 9 Standard subdivisions and regions of Hawaii

► 996.902–996.904 Historical periods of Hawaii

.902 Native rule and republic to 1898

.902 8 Revolution and republic, 1893–1898

.903 Annexation by United States and territorial period, 1898–1959

.904 Statehood, 1959–

997 ***Atlantic Ocean islands**

998 ***Arctic islands**

999 ***Antarctica**

* Add as instructed under **930–990**

Volume 2

Index

311186 0009 4194 6

DEWEY
Decimal Classification
Edition 17

**
Index

DEWEY

Decimal Classification®

DEWEY

Decimal Classification and Relative Index

Devised by

MELVIL DEWEY

OCLC, INC.
OCLC
LIBRARY

Edition 17

Volume 2

Auxiliary Tables
Relative Index

FOREST PRESS, INC.
OF
LAKE PLACID CLUB EDUCATION FOUNDATION

LAKE PLACID CLUB
NEW YORK 12948 U.S.A.
1965

Copyright 1876, 1885, 1911, 1913, 1915, 1919
by Melvil Dewey
Copyright 1888, 1891, 1894, 1899
by Library Bureau
Copyright 1922, 1927, 1932, 1942, 1952, © 1958
by Lake Placid Club Education Foundation
Copyright 1951, © 1965
by Forest Press, Inc.

Dewey, Melvil, 1851–1931.
Dewey decimal classification and relative index. Ed. 17. Lake Placid Club, N.Y., Forest Press, Inc. of Lake Placid Club Education Foundation, 1965.

2 v. (ix, 2153 p.) 26 cm.

CONTENTS.—v. 1. Introduction. General tables.—v. 2. Auxiliary tables. Relative index.

1. Classification, Decimal. I. Title.

Z696 025.43

Library of Congress catalog card number: 65–10445

THIS BOOK WAS COMPOSED, PRINTED AND BOUND
IN THE UNITED STATES OF AMERICA
AT KINGSPORT PRESS, INC., KINGSPORT, TENNESSEE

Contents

Volume 1

Publisher's Foreword 1
Preface 3
Editor's Introduction 5
1. Book classification 5
2. Dewey Decimal Classification 7
2.1 History 7
2.2 Basic plan 8
2.21 Discipline 9
2.22 Hierarchy 11
2.3 Memory aids and synthesis of notation 13
2.4 Versatility and flexibility 15
2.5 Faults and virtues 15
3. How to use DC 18
3.1 Preliminaries 18
3.2 Analysis of a book 19
3.3 Selection of class number 20
3.31 Approach 20
3.32 Headings 21
3.33 Definitions and scope notes 21
3.34 Inclusion notes 22
3.35 Instruction notes 22
3.351 Optional provision 22
3.352 Use of more than one 0 in standard subdivisions 22
3.353 Synthesis of notation 22
3.353 1 Area notation 22
3.353 2 Division 23
3.354 Priorities of arrangement 24
3.355 Relocations 26
3.36 Cross references 26
3.37 Standard subdivisions 27
3.38 Subject not provided for 29
3.4 Compound and complex subjects 29
3.41 More than one subject 29
3.42 More than one aspect 30

3.43 Centered headings 31
3.44 Applications 31
3.5 Reduction 31
3.6 Index 33
3.7 General suggestions 36
4. Variations from recommended practice 38
4.1 Principle of usefulness 38
4.2 Officially recognized variations 38
4.21 Options 38
4.22 Optional alphabetical arrangement 39
4.23 Artificial digits 40
4.3 Unofficial variations 40
4.31 Attraction 40
4.32 Expansion 40
4.33 Alphabetical arrangement 41
4.34 Relocations 42
4.35 Standard subdivisions 42
4.36 Dropping digits 42
5. Features of Edition 17 43
5.1 Subject integrity 43
5.11 Structure 44
5.12 Division by more than one principle 45
5.13 Relocation 45
5.2 Degree of expansion 52
5.3 Standard subdivisions and area table 54
5.4 Use outside United States 55
5.5 Index 56
5.6 Relation to Edition 16 and *DC&* 56
5.7 Spelling 57
6. Toward Edition 18 58
7. Acknowledgments 59
8. Conclusion 61

Melvil Dewey's Introduction 63
Description 63
Orijin and growth 63
Extent of use 64
What is the sistem? 65
Notation 66
Best known decimal form 66

Relativ subject index 67
What relativ index includes 69
Tables 69
Coordination 71
New subjects 71
Choice and arranjement of heds 71
Sequence of allyd subjects 71
Cachtitles 72
Form distinctions 72
Minute clasing 73
Tentativ tables 74
Nemonics 74
Decimalism 76
Relativ location 77
Sizes on shelvs 79

Catalogs 79
Name catalog 79
Shelflist 79
Clast catalog 79
Dictionary catalog 80

Advantajes 81
Shelvs 81
Shelflist 81
Accession book 81
Pamflets 81
Sale duplicates 81
Charjing sistem 82
Subject references 82
Recataloging or reclasifying 82
Adaptability 82
Arabic numerals 83
Endowment of special departments 83
Summary 83

Sugjestions to uzers 84
Numeration 84
Plan of book 84
Familiarity with clasification 85
Subject of a book 85
Assyning clas numbers 86
Number of figures uzed in clas number 88

Bilding numbers 89
Book numbers 90

Variations practicabl 91
Cautions 91
Letter or simbol notations for chanjes or aditions 93
Fiction 93
Juvenils 94
Biografy 94
Paralel libraries 95
Combining languaj and literature 95
Reference library 95
Contractions for specialists 96
Use of alfabet or cronolojy for final subdivisions 97
Broken order 97
Pro and con division of topics 98

Bibliografic modifications 99
Accretion syn + 100
Cupling syn — 100
Relation syn : 100
Form syn (0) 101
Universality syn ∞ 101
Place syn (3)–(9) 101
Languaj syn = 101
Time syn " " 101
Jeneral points of view syn 00 101
A to Z 102
Sequence 102

Other uses 102
Bookstores 102
Offis files 102
Scrapbooks 103
Index rerums 103
Topical indexes 105

Acknowlejments 105
Future of D C 107

Summaries 109

General Tables 123

Volume 2

Table of Standard Subdivisions 1255

Area Table 1263

Synthesis of Notation 1505

Abbreviations Used in the Index 1519

Relative Index 1521

Table of Standard Subdivisions

As fully explained in the Editor's Introduction, section 3.37, and as shown by the dashes that precede them, the following standard subdivisions (formerly known as form divisions) are never used alone, but may be used as required with any number from the general tables e.g., classification (012 in this table) of modern Indic languages (491.4): 491.401 2

SUMMARY

—01	**Philosophy and theory**
—02	**Miscellany**
—03	**Dictionaries, encyclopedias, concordances**
—05	**Serial publications**
—06	**Organizations**
—07	**Study and teaching**
—08	**Collections and anthologies**
—09	**Historical and geographical treatment**

—01 Philosophy and theory

—010 9 Historical development and geographical treatment of the discipline

Add area notations **1–9** to **010 9**

—012 Classification

Divisions of the subject and their interrelations

—013 Value

—014 Linguistic aspects

For dictionaries, see standard subdivision **03**

—014 2 Etymology

—014 8 Abbreviations and symbols

—014 9 Techniques of writing

(Optional; prefer **808.066**)

—015 Scientific aspects

Divide like **510–590**, e.g., mathematical aspects **015 1**

For psychological aspects, see standard subdivision **019**

—016 **Indexes**
(Optional: bibliographies and catalogs; prefer **016**)

—017 **Professional and occupational ethics**
(Optional; prefer **174**)

—018 **Research methodology**
Scope: surveys and appraisals

—018 2 Statistical method
—018 4 Operations research
Experimental models, design, programing

—018 5 Empirical tests and testing
—018 6 Case studies

—019 **Psychological aspects**

—02 Miscellany

—020 2 Synopses, outlines, manuals
—020 7 Humorous treatment
—020 8 Audio-visual treatment

—021 **Tabulated and related materials**
—021 2 Tables, formulas [*both formerly* standard subdivision 083], specifications
—021 6 Lists, inventories, catalogs of articles [*all formerly* standard subdivision 083]
For catalogs of museums and exhibits, see standard subdivision **074**

—022 **Illustrations [*formerly* standard subdivision 084]**
—022 2 Pictures, charts, designs
—022 3 Plans

—023 **The subject as a profession, occupation, hobby**
If preferred, class the subject as a profession or occupation in **331.76**

—024 **Works for specific types of users**
Divide like **920.1–928.9**, e.g., the subject for engineers **024 62**

—025 **Directories [*formerly* standard subdivision 058]**
Add area notations **1–9** to **025**

—026 **Law**
(Optional; prefer **340**)
Add area notations **1–9** to **026**

—027 **Inventions and identification marks**
—027 2 Patents

► —027 5 – 027 8 Identification marks
—027 5 Trademarks [*formerly* standard subdivision 088 7] and service marks
—027 7 Ownership marks
—027 8 Artists' and craftsmen's marks

—028 **Techniques, apparatus, equipment**

—029 **Commercial miscellany [*formerly* standard subdivision 085]**
House organs, prospectuses, price lists, trade catalogs

—03 Dictionaries, encyclopedias, concordances

—[04] Collected essays and lectures
Class in standard subdivision **08**

—05 Serial publications
Class administrative reports and proceedings of organizations in standard subdivision **06**

—[058] **Directories**
Class in standard subdivision **025**

—06 Organizations

History, charters, regulations, membership lists, administrative reports and proceedings

—060 1 International

—060 3–9 National, state, provincial, local

Add area notations **3–9** to **060**

► **—061–063 Professional**

Organizations not engaged in profit-motive activities

—061 Permanent government organizations

—061 1 International

—061 3–9 National, state, provincial, local

Add area notations **3–9** to **061**

—062 Permanent nongovernment organizations

—062 1 International

—062 3–9 National, state, provincial, local

Add area notations **3–9** to **062**

—063 Temporary organizations

—063 1 International

—063 3–9 National, state, provincial, local

Add area notations **3–9** to **063**

—065 Business organizations

Individual proprietorships, partnerships, companies, corporations, combinations

—[069] Professional and occupational ethics

Class in **174**

—07 Study and teaching

—071 Schools and courses

Class the subject in elementary schools in **372.3–372.8**

—071 1 Colleges and universities

Add area notations **1–9** to **071 1**

—071 2 Secondary schools

Add area notations **1–9** to **071 2**

—[071 4] Correspondence courses

Class in standard subdivision **071 54**

—071 5 Agencies for adult education

—071 52 Institutes and workshops

—071 53 Radio and television classes

—071 54 Correspondence courses [*formerly* standard subdivision 071 4]

—072 Research

—072 01–09 Historical and geographical treatment

Add area notations **1–9** to **072 0**, e.g., research in England **072 042**

—072 2 Historical

—072 3 Descriptive

—072 4 Experimental

—074 Museums and exhibits

Collections, guidebooks, catalogs

—074 01–09 Historical and geographical treatment

Scope: specific galleries, museums, exhibits

Divide like **708.1–708.9**, e.g., museums and exhibits in Pennsylvania **074 014 8**

—075 Collecting and collections of objects

For museums and exhibits, see standard subdivision **074**

—076 **Review and exercise**

Workbooks with problems, questions, answers

Including civil service examinations [*formerly* 351.3]

—077 **Programed teaching and learning**

—078 **Use of apparatus and equipment**

Including use of teaching machines

—079 **Competitions and awards**

Prizes, scholarships, fellowships, honorary titles

—08 Collections and anthologies

Collections not planned as composite works

Including collected essays and lectures [*both formerly* standard subdivision 04]

—[081] **Critical appraisal of a person's work**

Class in standard subdivision 092

—[083] **Tables, formulas, lists**

Class tables and formulas in standard subdivision 021 2; lists, inventories, catalogs of articles in standard subdivision 021 6

—[084] **Illustrations**

Class in standard subdivision 022

—[085] **Commercial miscellany**

Class in standard subdivision 029

—[088 7] **Trademarks**

Class in standard subdivision 027 5

—09 Historical and geographical treatment

► —090 1 – 090 4 Historical periods

Not limited geographically

—090 1 To 500 A.D.

—090 12 To 4000 B.C.

—090 13 4000–1000 B.C.

—090 14 1000 B.C.–1 A.D.

—090 15 1–500

—090 2 500–1500

—090 21 500–1200

—090 22 1200–1300

—090 23 1300–1400

—090 24 1400–1500

—090 3 1500–1900

—090 31 1500–1600

—090 32 1600–1700

—090 33 1700–1800

—090 34 1800–1900

—090 4 1900–

—090 41 1900–1920

—090 42 1920–1930

—090 43 1930–1940

—090 44 1940–1950

—090 45 1950–1960

—090 46 1960–1970

—091 **Regional treatment**

History and description by region, area, place, group in general, not limited by continent, country, locality

Add area notation 1 to 09, e.g., the subject in Torrid Zone 091 3

—092 **Persons**

Critical appraisal [*formerly* standard subdivision **081**] and description of work, biography of persons associated with the subject

Scope: Indians of North America [*formerly* **970.2**], of South America [*formerly* **980.2**], slaves [*formerly* **326.92**]

If preferred, class biography in **920.1–928.9**

Class biography not clearly related to any specific subject in **920**

Observe exceptions under **180–190, 750, 809, 810–890**

—092 2 Collected

—092 4 Individual

If preferred, class in **92** or **B**

—092 6 Case histories

—093–099 **Geographical treatment**

History and description by continent, country, locality, specific instance of the subject

Add area notations **3–9** to **09**, e.g., the subject in United States **097 3**

Class persons associated with the subject in standard subdivision **092**

Area Table

As fully explained in the Editor's Introduction, section 3.353 1, and as shown by the dashes that precede them, the following area notations are never used alone, but may be used as required (either directly when so noted or thru the interposition of standard subdivision 09) with any number from the general tables, e.g., wages (331.29) in Japan (52 in this table): 331.295 2.

SUMMARY

—1	Regions, areas, places, groups in general
—2	Persons
—3	The ancient world
	—4–9 The modern world
—4	Europe
—5	Asia
—6	Africa
—7	North America
—8	South America
—9	Other parts of world

—1 Regions, areas, places, groups in general

Not limited by continent, country, locality

SUMMARY

—11	Frigid Zones
—12	Temperate Zones (Middle Latitude Zones)
—13	Torrid Zone (Tropics)
—14	Land and land forms
—15	Types of vegetation
—16	Air and water
—17	Socioeconomic regions and groups
—18	Other kinds of terrestrial regions
—19	Space

► **—11–13 Zonal regions**

—11 **Frigid Zones**

—12 **Temperate Zones (Middle Latitude Zones)**

—13 **Torrid Zone (Tropics)**

►—14–16 Physiographic regions

—14 Land and land forms
—141 Continents
—142 Islands [*formerly* area 9]
—143 Mountains
—144 Caves
—145 Plains
—146 Coastal regions
—148 Soil
—15 Types of vegetation
—152 Forests
—153 Grasslands
—154 Deserts
—16 Air and water
—161 Atmosphere
—161 2 Troposphere
—161 3 Stratosphere
—161 4 Ionosphere
—166 Ocean and sea waters
Class ocean and sea basins in area **182**
For special oceanographic forms, see area **168**

—166 1 Atlantic Ocean
—166 11 North Polar Sea (Arctic Ocean)
—166 12 North Atlantic
—166 13 Mediterranean and Black Seas
—166 14 Caribbean Sea and Gulf of Mexico
—166 15 South Atlantic
For Antarctic waters, see area **166 9**

—166 5 Pacific Ocean
—166 51 East Pacific
—166 52 West Pacific

—166 53 North Pacific
—166 54 South Pacific
For Antarctic waters, see area **166 9**

—166 7 Indian Ocean
For Antarctic waters, see area **166 9**

—166 9 Antarctic waters
—168 Special oceanographic forms
Salt-water lagoons, inland seas, coastal pools

—169 Fresh and brackish waters

►—169 2 – 169 4 Surface waters

—169 2 Lakes, ponds, fresh-water lagoons
—169 3 Rivers and streams
—169 4 Waterfalls
—169 8 Ground waters (Subsurface waters)
—17 Socioeconomic regions and groups
—171 Political orientation
—171 2 Empires and political unions [*formerly* areas 3–9]
Divide by "mother country" like areas **3–9**, e.g., British Commonwealth **171 242**

—171 3 Western bloc
—171 6 Neutralist blocs
—171 65 Afro-Asian bloc
—171 7 Communist bloc
—171 9 Nonself-governing territories
—172 Degree of economic development
—172 2 High
—172 3 Medium
—172 4 Low
—173 Concentration of population
—173 2 Urban regions

—173 3 Suburban regions

—173 4 Rural regions

—174 Ethnic groups

Including ancient European tribes [*formerly* area **36**], Arabs [*formerly* area **53**], Jews [*formerly* area **569 3**], Negroes [*formerly* area **67**], Gipsies [*formerly* **397**]

Divide like **420–490**, e.g., Celts **174 916**

—175 Lingual regions

Divide like **420–490**, e.g., English-speaking regions **175 2**

—176 Religious culture groups

—176 1 Christians

—176 2–176 9 Communicants of other religions

Divide like **292–299**, e.g., Moslems **176 7**

—18 Other kinds of terrestrial regions

—181 Hemispheres

—181 1 Eastern

—181 2 Western

—181 3 Northern

—181 4 Southern

—182 Ocean and sea basins

Islands in and continents facing specific major bodies of water

Class ocean and sea waters in area **166**

—182 1 Atlantic region

Class here the Occident

—182 2 Mediterranean region [*formerly* area 4]

—182 3 Pacific region

—182 4 Indian Ocean region

—19 Space

—2 Persons

—22 Collected

—24 Individual

► —3–9 Specific continents, countries, localities

If desired, add to each number as follows:

009 Regional treatment

Divide like area notation **1**, e.g., Torrid Zone of Asia **500 93**, rivers of England **420 096 93**, Italian-speaking regions of Switzerland **494 009 755**, cities of ancient Greece **380 097 32**

01–09 Historical periods

Divide like historical periods in subdivisions of **930–990**, e.g., Tudor England **420 5**, Tudor Berkshire **422 905**

Class regions, areas, places, groups not limited by continent, country, locality in area **1**

Class empires and political unions [*formerly* areas **3–9**] in area **171 2**

—3 The ancient world

If preferred, class in areas **4–9**

SUMMARY

—31 China
—32 Egypt
—33 Palestine
—34 India
—35 Mesopotamia and Iranian Plateau
—36 Europe north and west of Italian peninsula
—37 Italian peninsula and adjacent territories
—38 Greece
—39 Other parts of ancient world

—31 China

—32 Egypt

—33 Palestine [*formerly also* area **394 5**]

Including Judea

—34 India

—35 Mesopotamia and Iranian Plateau

For region east of Caspian Sea, see area **396**

—36 Europe north and west of Italian peninsula

Class ancient European tribes [*formerly* area **36**] in area **174**

—37 **Italian peninsula and adjacent territories**

—371 Liguria

—372 Gallia Cisalpina

—373 Venetia and Istria

—374 Region northeast of Rome

Including Umbria, Picenum

—375 Etruria

—376 Latium

Including city of Rome

—377 Southern Italy

Campania, Samnium, Apulia, Calabria, Lucania, Bruttium

—378 Sicily and Malta

—379 Sardinia and Corsica

—38 **Greece**

For Aegean Sea islands, see area 391

—381 Macedonia

—382 Thessaly, Epirus, adjacent Ionian islands

—383 Acarnania, Aetolia, Locris, Doris, Phocis, Ithaca

—384 Boeotia, Megaris, Euboea

—385 Attica

—386 Peloponnesus and adjacent Ionian islands

For divisions of Peloponnesus, see areas 387–389

► —387–389 Divisions of Peloponnesus

—387 Corinthia and Achaea

—388 Elis, Arcadia, Argolis

—389 Messenia, Laconia, Sparta

—39 **Other parts of ancient world**

SUMMARY

—391 **Aegean Sea islands**
—392 **Western Asia Minor**
—393 **Eastern Asia Minor and Cyprus**
—394 **Syria and Arabia**
—395 **Black Sea and Caucasus regions**
—396 **Central Asia**
—397 **North Africa**
—398 **Southeastern Europe**

—391 Aegean Sea islands

—391 1 Northern islands

Northern Sporades, Thasos, Samothrace, Imbros, Tenedos, Lemnos

—391 2 Lesbos

—391 3 Chios

—391 4 Samos

—391 5 Southwestern islands

Including Cyclades

—391 6 Rhodes and Southern Sporades

—391 7 Karpathos

—391 8 Crete

—392 Western Asia Minor

—392 1 Mysia and Troas

Including Troy

—392 2 Lydia

—392 3 Ionia

For Aegean Sea islands, see area 391

—392 4 Caria

—392 5 Bithynia

—392 6 Phrygia

—392 7 Pisidia

—392 8 Lycia

—392 9 Pamphylia

—393 Eastern Asia Minor and Cyprus
—393 1 Paphlagonia
—393 2 Galatia
—393 3 Pontus
—393 4 Cappadocia
—393 5 Cilicia
—393 6 Commagene
—393 7 Cyprus
—394 Syria and Arabia
Including Palmyra
For Commagene, see area **393 6**

—394 4 Phoenicia
—[394 5] Palestine
Class in area **33**

—394 6 Edom and Moab
—394 7 Arabia Deserta
—394 8 Arabia Petraea
Including Sinai Peninsula

—395 Black Sea and Caucasus regions
Including Sarmatia, Colchis, Iberia, Albania

—395 1 Scythia
—395 5 Armenia
—396 Central Asia
Including Sogdiana, Hyrcania, Margiana, Bactria, Ariana

—397 North Africa
For Egypt, see area **32**

—397 1 Mauretania
—397 2 Numidia
—397 3 Carthage

—397 4 Tripolis
—397 5 Cyrenaica
—397 6 Marmarica
—397 7 Gaetulia
—397 8 Ethiopia
—398 Southeastern Europe
Including Dacia, Pannonia, Illyria, Moesia, Thracia
For Greece, see area **38**; *Black Sea region, area* **395**

► —4–9 The modern world

(Optional: the ancient world; prefer area **3**)

Class comprehensive works on a specific physiographic region or feature extending over more than one country, state, county or other unit with the unit where noted in this table, e.g., Lake Huron area **774**, Appalachian Mountains area **74**. Class works on a part of such a region or feature with the specific unit where the part is located, e.g., Lake Huron waters and shores in Ontario area **713 2**, Cumberland Mountains area **769 1**

Divide as below; but, if it is desired to give local emphasis and a shorter number to a specific country, place it first under its own continent or major region by use of a letter or other symbol, e.g., Pakistan area **5P** (preceding **51**); divide each such number like the corresponding number in this table, e.g., East Pakistan area **5P2**. Apply like any other area notation, e.g., geology of East Pakistan **555.P2**, history of Pakistan since independence **95P.04**, history of medical sciences in Pakistan **610.95P**

—4 Europe

Class Mediterranean region [*formerly* area **4**] in area **182 2**

SUMMARY

—41 Scotland and Ireland
—42 British Isles
—43 Central Europe
—44 France
—45 Italy and adjacent territories
—46 Iberian Peninsula and adjacent islands
—47 Eastern Europe
—48 Scandinavia
—49 Other parts of Europe

—41 **Scotland and Ireland**

SUMMARY

—411	Northern Scotland
—412	North central Scotland
—413	Central Scotttish Lowlands
—414	Southern Scotland
—415	Ireland
—416	Ulster
—417	Connacht (Connaught)
—418	Leinster
—419	Munster

—411–414 Divisions of Scotland

►

—411 Northern Scotland

Class here Scottish Highlands

For a specific county of the Highlands, see the subject, e.g., Inverness area 412 1

—411 1 Shetland Islands (Zetland County)

—411 2 Orkney Islands

—411 3 Caithness

—411 4 Sutherland

—411 6 Ross and Cromarty

Class here Lewis with Harris island

—411 7 Hebrides (Western Islands)

For a specific island or region, see the county in which located, e.g., Inverness area 412 1

—412 North central Scotland

Class here Grampian Mountains

—412 1 Inverness

—412 2 Nairn

—412 3 Moray

—412 4 Banff

—412 5 Aberdeen

—412 6 Kincardine

—413 Central Scottish Lowlands

Class here Forth River and Firth

For a specific county of the Lowlands, see the subject, e.g., Midlothian area 414 45

—413 1 Angus

—413 2 Perth

—413 3 Fife

—413 4 Kinross

—413 5 Clackmannan

—413 6 Stirling

—413 7 Dunbarton

—413 8 Argyll

—413 9 Bute

—414 Southern Scotland

Class here Clyde River and Firth, Solway Firth

—414 1 Renfrew

—414 2 Ayr

—414 3 Lanark

—414 35 Glasgow

—414 4 The Lothians

Including West Lothian

For East Lothian, see area 414 5

—414 45 Midlothian

—414 5 East Lothian

—414 55 Berwick

—414 6 Peebles (Tweeddale)

—414 65 Selkirk

—414 7 Roxburgh

—414 8 Dumfries

—414 9 Galloway district

Including Kirkcudbright

—414 95 Wigtown

—415 Ireland

For divisions of Ireland, see areas 416–419

►

—416–419 Divisions of Ireland

—416 Ulster

Class here Northern Ireland

—416 1 Antrim

—416 2 Londonderry (Derry)

—416 3 Donegal

—416 4 Tyrone

—416 5 Down

—416 6 Armagh

—416 7 Monaghan

—416 8 Fermanagh

—416 9 Cavan

—417 Connacht (Connaught)

—417 1 Leitrim

—417 2 Sligo

—417 3 Mayo

—417 4 Galway

—417 5 Roscommon

—418 Leinster

—418 1 Longford

—418 15 Westmeath

—418 2 Meath

—418 25 Louth

—418 3 Dublin

—418 4 Wicklow

—418 5 Kildare

—418 6 Offaly

—418 7 Laoighis (Leix)

—418 8 Carlow

—418 85 Wexford

—418 9 Kilkenny

—419 Munster

—419 1 Waterford

—419 2 Tipperary

—419 3 Clare

—419 4 Limerick

—419 5 Cork

—419 6 Kerry

—42 British Isles

Class here Great Britain, United Kingdom

For Scotland and Ireland, see area 41

SUMMARY

—421 Greater London
—422 Southeastern England
—423 Southwestern England and Channel Islands
—424 Midlands of England
—425 East Midlands of England
—426 Eastern England
—427 North central England
—428 Northern England and Isle of Man
—429 Wales

►

—421–428 England

—421 Greater London

—421 2 Central London

City of London, Finsbury, Holborn

—421 3 West London

Westminster, Chelsea, Fulham, Hammersmith, Kensington, Paddington

—421 4 North London

Saint Marylebone, Hampstead, Saint Pancras, Islington, Stoke Newington, Hackney

—421 5 East London
Shoreditch, Bethnal Green, Poplar, Stepney

—421 6 South London
Southwark, Bermondsey, Deptford, Greenwich, Woolwich, Lewisham, Camberwell, Lambeth, Battersea, Wandsworth

—421 7 Environs of London (Outer Ring)
For a specific part of Outer Ring, see the county in which located, e.g., Surrey area **422 1**

—421 9 Middlesex

—422 Southeastern England
Class here Thames River
For Greater London, see area **421**

—422 1 Surrey
—422 3 Kent
—422 5 Sussex
—422 7 Hampshire
Including Southampton
For Isle of Wight, see area **422 8**

—422 8 Isle of Wight
—422 9 Berkshire

—423 Southwestern England and Channel Islands
—423 1 Wiltshire
—423 3 Dorset
—423 4 Channel Islands
—423 5 Devon
—423 7 Cornwall
—423 8 Somerset

—424 Midlands of England
For East Midlands, see area **425**

—424 1 Gloucester
—424 3 Monmouth
Often considered part of Wales

—424 4 Hereford
—424 5 Shropshire (Salop)
—424 6 Stafford
—424 7 Worcester
—424 8 Warwick

—425 East Midlands of England
Class here the Fens
For a specific part of the Fens, see the county in which located, e.g., Norfolk area **426 1**

—425 1 Derby
—425 2 Nottingham
—425 3 Lincoln
—425 4 Leicester
—425 45 Rutland
—425 5 Northampton
Including Soke of Peterborough

—425 6 Huntingdon
—425 65 Bedford
—425 7 Oxford
—425 75 Buckingham
—425 8 Hertford
—425 9 Cambridge
Including Isle of Ely

—426 Eastern England
—426 1 Norfolk
—426 4 Suffolk
—426 7 Essex
—427 North central England
—427 1 Cheshire
—427 2 Lancashire
—427 4 York
—428 Northern England and Isle of Man
Class here Lake District
—428 1 Durham
—428 2 Northumberland
Class here Cheviot Hills
—428 5 Cumberland
—428 8 Westmorland
—428 9 Isle of Man
—429 Wales
For Monmouth, see area **424 3**
—429 1 Anglesey
—429 2 Caernarvon
—429 25 Merioneth
—429 3 Denbigh
—429 35 Flint
—429 4 Montgomery
—429 5 Cardigan
—429 6 Radnor
—429 65 Brecknock (Brecon)
—429 7 Glamorgan
—429 8 Carmarthen
—429 9 Pembroke

—43 Central Europe

SUMMARY

—431 Northeastern Germany
—432 Central Germany
—433 Bavaria
—434 Southwestern Germany
—435 Northwestern Germany
—436 Austria
—437 Czechoslovakia
—438 Poland
—439 Other parts

► —431–435 Germany

—431 Northeastern Germany
Class here East Germany
For a specific part of East Germany, see the subject, e.g., Saxony area **432 1**

—[431 1] East Prussia
Class East Prussia and Olsztyn in area **438 3**, Memel in area **475**, Kaliningrad (Königsberg) in area **474 7**

—[431 2] West Prussia and Danzig
Class in area **438 2**

—[431 3] Poznan
Class in area **438 4**

—[431 4] Silesia
Class in area **438 5**

—431 5 Brandenburg
Former state of German Democratic Republic
Districts of Potsdam, Frankfurt an der Oder, Cottbus

—431 55 Berlin
—431 552 East Berlin
—431 554 West Berlin

—[431 6] Pomerania and Pomerelia

Class Pomerania and Polish Pomerania in area **438 1**, Pomerelia in area **438 2**, German Pomerania in area **431 7**

—431 7 Mecklenburg

Former state of German Democratic Republic

Districts of Rostock, Schwerin, Neubrandenburg

Including German Pomerania [*formerly* area **431 6**]

—[431 75] Lübeck

Class in area **435 1**

—431 8 Saxony-Anhalt

Former state of German Democratic Republic

Districts of Magdeburg, Halle

Including Prussian Saxony

For Anhalt, see area **431 9**

—431 9 Anhalt

—432 Central Germany

—432 1 Saxony

Former state of German Democratic Republic

Districts of Dresden, Leipzig, Karl-Marx-Stadt (Chemnitz)

—432 2 Thuringia

Former state of German Democratic Republic

Districts of Erfurt, Gera, Suhl

Including regions of Thuringia [*formerly* areas **432 3–432 8**]

—[432 3–432 8] Regions of Thuringia

Class in area **432 2**

—433 Bavaria

State of Federal Republic of Germany

—433 1 Upper Franconia district

—433 2 Middle Franconia district

—433 3 Lower Franconia district

—433 4 Upper Palatinate district

—433 5 Lower Bavaria district

—433 6 Upper Bavaria district

—433 7 Swabia district

—434 Southwestern Germany

Class here Rhine River

—434 1 Hesse

State of Federal Republic of Germany

Including Waldeck [*formerly* area **435 7**], Hesse-Nassau [*formerly* area **435 8**], Hesse-Darmstadt

—434 2 Rhine Province (Rhenish Prussia)

—[434 23] Cologne, Aachen, Düsseldorf districts

Class in area **435 5**

—[434 25] Coblenz and Trier districts

Class in area **434 3**

—434 27 Saarland

State of Federal Republic of Germany

—434 3 Rhineland-Palatinate

State of Federal Republic of Germany

Including Coblenz and Trier districts [*both formerly* area **434 25**], Montabaur [*formerly* area **435 8**], Rhenish Palatinate, Rhenish Hesse

Class here Palatinate

For Upper Palatinate, see area **433 4**

—434 6 Baden-Württemberg

State of Federal Republic of Germany

Including Baden

For Württemberg, see area **434 7**; *Hohenzollern, area* **434 9**; *Black Forest, area* **434 8**

—434 7 Württemberg

—434 8 Black Forest

Class here Danube River in Germany

—434 9 Hohenzollern

—435 Northwestern Germany
Including Lower Saxony (state of Federal Republic of Germany) and its constituent parts (Oldenburg, Hanover, Brunswick)

—435 1 Schleswig-Holstein
State of Federal Republic of Germany
Including Lübeck [*formerly* area **431 75**]

—435 15 Hamburg
State of Federal Republic of Germany

—435 2 Bremen
State of Federal Republic of Germany

—435 5 North Rhine-Westphalia
State of Federal Republic of Germany
Including Cologne, Aachen, Düsseldorf districts [*all formerly* area **434 23**], Lippe
For Westphalia, see area **435 6**

—435 6 Westphalia
—[435 7] Waldeck
Class in area **434 1**

—[435 8] Hesse-Nassau
Class Montabaur in area **434 3**, Hesse-Nassau in area **434 1**

—436 Austria
—436 1 Northeastern provinces
Including Lower Austria
—436 13 Vienna
—436 15 Burgenland
—436 2 Upper Austria province
—436 3 Salzburg province
—436 4 Western provinces and Liechtenstein
Including Tyrol
—436 45 Vorarlberg

—436 48 Liechtenstein
Independent principality

—436 5 Styria province
—[436 55] Maribor (Marburg)
Class in area **497 3**

—436 6 Carinthia province
—[436 7] Slovenia
Class in area **497 3**

—[436 8] Karst, Trieste, Istria, Gorizia
Class Karst in area **497 3**, Trieste in area **453 93**, Istria in area **497 2**, Gorizia in area **453 92**

—[436 9] Dalmatia
Class in area **497 2**

—437 Czechoslovakia
—437 1 Bohemia
—437 2 Czech Silesia [*formerly* area 437 3] and Moravia
—437 3 Slovakia
Class Czech Silesia [*formerly* area **437 3**] in area **437 2**

—[437 4] Galicia
Class Galicia, Polish Galicia in area **438 6**, East Galicia in area **477 1**

—[437 5] Bukovina
Class comprehensive works in area **498 4**, North Bukovina in area **477 1**

—438 Poland
—438 1 Northwestern provinces
Szczecin, Zielona Gora, Koszalin
Class here Pomerania, Polish Pomerania [*both formerly* area **431 6**]
For German Pomerania, see area **431 7**

—438 2 North central provinces

Gdansk (Danzig) [*formerly* area 431 2], Bydgoszcz (Pomorze)

Class here West Prussia [*formerly* area 431 2], Pomerelia [*formerly* area 431 6]

—438 3 Northeastern provinces

Olsztyn [*formerly* area 431 1], Bialystok

Class here East Prussia [*formerly* area 431 1]

—438 4 Central provinces

Poznan [*formerly* area 431 3], Lublin, Kielce, Warszawa, Lodz

—438 5 Southwestern provinces

Wroclaw, Pople, Katowice

Class here Silesia [*formerly* area 431 4]

For Czech Silesia, see area 437 2

—438 6 Southeastern provinces

Krakow, Rzeszow

Class here Galicia, Polish Galicia [*both formerly* area 437 4]

For East Galicia, see area 477 1

—439 Other parts

—439 1 Hungary

—[439 15] Banat

Class comprehensive works in area 498 4, Yugoslav Banat in area 497 1

—[439 2] Transylvania

Class in area 498 4

—[439 3] Slavonia

Class in area 497 2

—[439 4] Croatia

Class in area 497 2

—[439 5–439 6] Bosnia and Herzegovina

Class in area 497 42

—44 **France**

For Corsica, see area 459 5; *a specific department outside Metropolitan France, the subject, e.g., Martinique area* 729 82

SUMMARY

—441	Northwestern France
—442	Northern France
—443	Northeastern France
—444	Eastern France
—445	Central France
—446	Western France
—447	Southwestern France
—448	Southern France
—449	Southeastern France

—441 Northwestern France

► —441 1 – 441 5 Brittany region

—441 1 Finistère department

—441 2 Côtes-du-Nord department

—441 3 Morbihan department

—441 4 Loire-Atlantique department

Formerly Loire-Inférieure

—441 5 Ille-et-Vilaine department

—441 6 Maine region

Including Mayenne department

For a specific department of Maine, see the subject, e.g., Sarthe area 441 7

—441 7 Sarthe department

—441 8 Anjou region (Maine-et-Loire department)

—442 Northern France

► —442 1 – 442 5 Normandy region

—442 1 Manche department

—442 2 Calvados department

—442 3 Orne department

—442 4 Eure department

—442 5 Seine-Maritime department

Formerly Seine-Inférieure

—442 6 Picardy region
Including Somme department
For a specific department of Picardy, see the subject, e.g., Pas-de-Calais area **442 7**

—442 7 Pas-de-Calais department
Including Artois region

—442 8 French Flanders region (Nord department)

—443 Northeastern France
Class here Marne River

► —443 1 – 443 3 Champagne region
For a specific department of Champagne, see the subject, e.g., Yonne area **444 1**

—443 1 Ardennes department
—443 2 Marne department
—443 3 Aube and Haute-Marne departments
—443 31 Aube
—443 32 Haute-Marne

—443 4 Île-de-France region
Class here Seine River
For a specific department of Île-de-France, see the subject, e.g., Seine-et-Marne area **443 7**

—443 45 Aisne department
—443 5 Oise department
—443 6 Paris metropolitan area
Including Seine department
For a specific department of metropolitan Paris, see the subject, e.g., Seine-et-Marne area **443 7**

—443 65 Seine-et-Oise department
—443 7 Seine-et-Marne department

—443 8 Lorraine and Alsace
Class here Vosges Mountains, Argonne

► —443 81 – 443 83 Lorraine region
For Vosges department, see area **443 9**

—443 81 Meuse department
—443 83 Meurthe-et-Moselle department
—443 825 Moselle department

—443 83 Alsace region
For Territory of Belfort, see area **444 55**

—443 833 Haut-Rhin department
—443 835 Bas-Rhin department
—443 9 Vosges department
—444 Eastern France
Class here Saône River

► —444 1–444 4 Burgundy region
—444 1 Yonne department
—444 2 Côte-d'Or department
—444 3 Saône-et-Loire department
—444 4 Ain department

—444 5 Franche-Comté region
Class here Jura Mountains in France
For a specific department of Franche-Comté, see the subject, e.g., Doubs area **444 6**

—444 53 Haute-Saône department
—444 55 Territory of Belfort
—444 6 Doubs department
—444 7 Jura department

► —444 8 – 444 9 Savoy region
—444 8 Savoie department
—444 9 Haute-Savoie department

—445 Central France

Class here Loire River

► —445 1 – 445 3 Orléanais region

For Yonne department, see area **444 1**

—445 1 Eure-et-Loir department

—445 2 Loiret department

—445 3 Loir-et-Cher department

—445 4 Touraine region

Including Indre-et-Loire department

For Indre department, see area **445 51**

—445 5 Berry region

For Creuse department, see area **446 8**

—445 51 Indre department

—445 52 Cher department

—445 6 Nivernais region (Nièvre department)

—445 7 Bourbonnais region

Including Allier department

For a specific department of Bourbonnais, see the subject, e.g., Cher area **445 52**

—445 8 Lyonnais region

—445 81 Loire department

—445 82 Rhône department

—445 9 Auvergne region

Class here Massif Central

For Haute-Loire department, see area **448 1**

—445 91 Puy-de-Dôme department

—445 92 Cantal department

—446 Western France

► —446 1 – 446 4 Poitou region

—446 1 Vendée department

—446 2 Deux-Sèvres department

—446 3 Vienne department

—446 4 Charente-Maritime department

Formerly Charente-Inférieure

Including Aunis, Saintonge regions

For a specific department of Saintonge, see the subject, e.g., Charente area **446 5**

—446 5 Charente department

Including Angoumois region

For a specific department of Angoumois, see the subject, e.g., Deux-Sèvres area **446 2**

—446 6 Limousin region

Including Haute-Vienne department

For Corrèze department, see area **446 7**

—446 7 Corrèze department

—446 8 Marche region

Including Creuse department

For Haute-Vienne department, see area **446 6**

—447 Southwestern France

Class here Garonne River

► —447 1 – 447 6 Guienne (Aquitaine) region

—447 1 Gironde department

—447 2 Dordogne department

—447 3 Lot department

—447 4 Aveyron department (Rouergue district)

—447 5 Tarn-et-Garonne department

—447 6 Lot-et-Garonne department

—447 7 Gascony region

For a specific department of Gascony, see the subject, e.g., Hautes-Pyrénées area **447 8**

—447 71 Gers department

—447 72 Landes department

—447 8 Hautes-Pyrénées department

—447 9 Basses-Pyrénées department

Including Béarn region

—448 Southern France

Class here Cévennes Mountains, Rhone River

► —448 1 – 448 8 Languedoc region

For Tarn-et-Garonne department, see area **447 5**

—448 1 Haute-Loire department

—448 15 Lozère department

—448 2 Ardèche department

—448 3 Gard department

—448 4 Hérault department

—448 5 Tarn department

—448 6 Haute-Garonne department

—448 7 Aude department

—448 8 Ariège department

Including Foix region

—448 9 Roussillon region (Pyrénées-Orientales department)

Class here Pyrenees Mountains in France

—449 Southeastern France

Class here Riviera

For Italian Riviera, see area **451 8**

► —449 1 – 449 5 Provence region

—449 1 Bouches-du-Rhône department

—449 2 Vaucluse department

Including Valréas enclave

—449 3 Var department

—449 4 Alpes-Maritimes department

Including Nice region

—449 49 Monaco

Independent principality, enclave in Alpes-Maritimes

—449 5 Basses-Alpes department

—449 6 Dauphiné region

For a specific department of Dauphiné, see the subject, e.g., Isère area **449 9**

—449 7 Hautes-Alpes department

—449 8 Drôme department

For Valréas enclave, see area **449 2**

—449 9 Isère department

—45 Italy and adjacent territories

SUMMARY

—451	Northwestern Italy
—452	Lombardy region
—453	Northeastern Italy
—454	Emilia-Romagna region
—455	Tuscany region
—456	Central Italy
—457	Southern Italy
—458	Sicily and adjacent islands
—459	Sardinia and Corsica

—451 Northwestern Italy

—451 1 Val d'Aosta region

► —451 2 – 451 7 Piedmont region

—451 2 Torino province

—451 3 Cuneo province

—451 4 Alessandria province

—451 5 Asti province

—451 6 Novara province

—451 7 Vercelli province

—451 8 Liguria region

Class here Italian Riviera

—451 82 Genova province

—451 83 La Spezia province

—451 84 Savona province

—451 87 Imperia province

Formerly Porto Maurizio

—452 Lombardy region

Class here Po River

—452 1 Milano province

—452 2 Varese province

—452 3 Como province

—452 4 Bergamo province

—452 5 Sondrio province

—452 6 Brescia province

—452 7 Cremona province

—452 8 Mantova province

—452 9 Pavia province

—453 Northeastern Italy

► —453 1 – 453 7 Veneto region

—453 1 Venezia province

—453 2 Padova province

—453 3 Rovigo province

—453 4 Verona province

—453 5 Vicenza province

—453 6 Treviso province

—453 7 Belluno province

—453 8 Trentino-Alto Adige region

Class here Italian Tyrol

—453 83 Bolzano province (Alto Adige)

—453 85 Trento province (Trentino)

—453 9 Friuli-Venezia Giulia region

—453 91 Udine province

—453 92 Gorizia province [*formerly* area 436 8]

—453 93 Trieste [*formerly* area 436 8]

—454 Emilia-Romagna region

—454 1 Bologna province

—454 2 Modena province

—454 3 Reggio nell'Emilia province

—454 4 Parma province

—454 5 Ferrara province

—454 6 Piacenza province

—454 7 Ravenna province

—454 8 Forlì province

—454 9 San Marino

Independent state

—455 Tuscany region
—455 1 Firenze province
—455 2 Pistoia province
—455 3 Lucca province
—455 4 Massa e Carrara province
—455 5 Pisa province
—455 6 Livorno province
—455 7 Grosseto province
—455 8 Siena province
—455 9 Arezzo province

—456 Central Italy
Class here former Papal States (States of the Church)
Class a specific Papal State with the place where located

—456 2 Latium region
For Roma province, see area **456 3**

—456 22 Frosinone province
—456 23 Latina province
—456 24 Rieti province
—456 25 Viterbo province
—456 3 Roma province
—456 32 City of Rome
—456 34 Vatican City
Independent papal state, enclave in Rome

—456 5 Umbria region
—456 51 Perugia province
—456 52 Terni province
—456 7 Marches region
—456 71 Ancona province
—456 73 Macerata province
—456 75 Ascoli Piceno province
—456 77 Pesaro e Urbino province

—457 Southern Italy

SUMMARY

—457 1 Abruzzi e Molise region
—457 2 Campania region
—457 3 Napoli province
—457 4 Salerno province
—457 5 Apulia region
—457 7 Basilicata region
—457 8 Calabria region

—457 1 Abruzzi e Molise region
—457 11 Aquila province
—457 13 Chieti province
—457 15 Teramo province
—457 17 Pescara province
—457 19 Campobasso province
—457 2 Campania region
For Napoli province, see area **457 3**; *Salerno province, area* **457 4**
—457 21 Avellino province
—457 23 Benevento province
—457 25 Caserta province
—457 3 Napoli province
—457 4 Salerno province
—457 5 Apulia region
—457 51 Bari province
—457 53 Lecce province
—457 54 Brindisi province
—457 55 Taranto province
—457 57 Foggia province
—457 7 Basilicata region
—457 71 Potenza province
—457 72 Matera province
—457 8 Calabria region
—457 81 Catanzaro province
—457 83 Reggio di Calabria province
—457 85 Cosenza province

—458 Sicily and adjacent islands

► —458 1 – 458 2 Sicily region

—458 1 Eastern Sicily
—458 11 Messina province
—458 12 Enna province
—458 13 Catania province
—458 14 Siracusa province
—458 15 Ragusa province
—458 2 Western Sicily
—458 21 Caltanissetta province
—458 22 Agrigento province
—458 23 Palermo province
—458 24 Trapani province
—458 5 Malta
Independent state

—459 Sardinia and Corsica

► —459 1 – 459 3 Sardinia region

—459 1 Cagliari province
—459 2 Nuoro province
—459 3 Sassari province

—459 5 Corsica (Corse)
Department of France

—46 Iberian Peninsula and adjacent islands

SUMMARY

—461 Northwestern Spain
—462 Western Spain
—463 Castile
—464 New Castile region
—465 Northeastern Spain
—466 Basque Provinces (Vascongadas)
—467 Eastern Spain and Andorra
—468 Andalusia region and Gibraltar
—469 Portugal

► —461–468 Spain
For Canary Islands, see area 649

—461 Northwestern Spain

► —461 1 – 461 7 Galicia region

—461 1 La Coruña province
—461 3 Lugo province
—461 5 Orense province
—461 7 Pontevedra province

—461 9 Asturias region (Oviedo province)

—462 Western Spain

► —462 1 – 462 5 Leon region

—462 1 Leon province
—462 2 Palencia province
Sometimes considered part of Old Castile region
—462 3 Valladolid province
Sometimes considered part of Old Castile region
—462 4 Zamora province
—462 5 Salamanca province

—462 6 Estremadura region
For Badajoz province, see area 462 7; *Cáceres province, area* 462 8
—462 7 Badajoz province
—462 8 Cáceres province

—463 Castile
For New Castile region, see area 464

—463 5 Old Castile region
For Palencia province, see area 462 2; *Valladolid province, area* 462 3

—463 51 Santander province

—463 53 Burgos province
For Treviño, see area **466 7**

—463 54 Logroño province
—463 55 Soria province
—463 57 Segovia province
—463 59 Ávila province
—464 New Castile region
—464 1 Madrid province
—464 3 Toledo province
—464 5 Ciudad Real province
—464 7 Cuenca province
—464 9 Guadalajara province
—465 Northeastern Spain
Class Catalonia in area **467**

—465 2 Navarre region (Navarra province)
Class here Pyrenees Mountains

—465 5 Aragon region
—465 51 Teruel province
—465 53 Zaragoza province
—465 55 Huesca province
—466 Basque Provinces (Vascongadas)
Territory of the Basque people
For Navarra province, see area **465 2**; *Basses-Pyrénées department, area* **447 9**

—466 1 Guipúzcoa
—466 3 Vizcaya
For Orduña, see area **466 9**

—466 5 Álava
—466 7 Treviño
Enclave of Burgos province in Álava province

—466 9 Orduña
Enclave of Vizcaya province between Álava and Burgos provinces

—467 Eastern Spain and Andorra

► —467 1 – 467 4 Catalonia region
—467 1 Gerona province
—467 2 Barcelona province
—467 3 Tarragona province
—467 4 Lérida province

—467 5 Baleares province (Balearic Islands)
—467 6 Valencia region
—467 61 Castellón de la Plana province
—467 63 Valencia province
—467 65 Alicante province
—467 7 Murcia region
—467 71 Albacete province
—467 73 Murcia province
—467 9 Andorra
Independent state

—468 Andalusia region and Gibraltar
—468 1 Almería province
—468 2 Granada province
—468 3 Jaén province
—468 4 Córdoba province
—468 5 Málaga province
For Melilla, see area **642**

—468 6 Sevilla province
—468 7 Huelva province
—468 8 Cádiz province
For Ceuta, see area **642**

—468 9 Gibraltar
British colony

—469 Portugal

—469 1 Historic province of Entre Douro e Minho

—469 12 Modern province of Minho
Braga and Viana do Castelo districts

—469 15 Modern province of Douro Litoral
Including Pôrto district
For Aveiro district, see area 469 35; *Viseu district, area* 469 31

—469 2 Historic province of Trás-os-Montes
Class here modern province of Trás-os-Montes e Alto Douro
Including Bragança and Vila Real districts
For Viseu and Guarda districts, see area 469 31

—469 3 Historic province of Beira
For modern province of Douro Litoral, see area 469 15; *modern province of Trás-os-Montes e Alto Douro, area* 469 2

—469 31 Modern province of Beira Alta
Including Viseu and Guarda districts
For Coimbra district, see area 469 35

—469 33 Modern province of Beira Baixa
Including Castelo Branco district
For Coimbra district, see area 469 35; *Santarém district, area* 469 45

—469 35 Modern province of Beira Litoral
Including Aveiro and Coimbra districts
For Leiria district, see area 469 4; *Santarém district, area* 469 45

—469 4 Historic and modern provinces of Estremadura
Including Lisboa (Lisbon), Leiria, Setúbal districts
For modern province of Beira Litoral, see area 469 35; *modern province of Baixo Alentejo, area* 469 55

—469 45 Modern province of Ribatejo
Including Santarém district
Class Lisboa district in area 469 4
For Portalegre district, see area 469 52

—469 5 Historic province of Alentejo

—469 52 Modern province of Alto Alentejo
Évora and Portalegre districts

—469 55 Modern province of Baixo Alentejo
Including Beja district
For Setúbal district, see area 469 4

—469 6 Algarve province (Faro district)

—469 8 Funchal district (Madeira)
Islands in Atlantic Ocean

—469 9 Azores
Islands in Atlantic Ocean: Ponta Delgada, Angra do Heroísmo, Horta districts

—47 Eastern Europe
For Balkan Peninsula, see area 496

SUMMARY

—471 Finland
—472 Northern area of Soviet Union
—473 West central area of Soviet Union
—474 Baltic Sea area of Soviet Union
—475 Lithuania (Lithuanian Soviet Socialist Republic)
—476 Western area of Soviet Union
—477 Black Sea area of Soviet Union
—478 Eastern area of Soviet Union
—479 Caucasus area of Soviet Union

—471 Finland

—471 1 Southern departments

Uusimaa, Kymi

Including Helsinki

—471 3 Southwestern departments

Turku-Pori, Häme, Ahvenanmaa (Aland Islands), Vaasa

—471 5 Southeastern departments

Mikkeli, Kuopio

—471 6 Oulu department

—471 7 Lappi department

Class here Lapland

For northern Norway, see area 484; *northern Sweden, area* 488; *Murmansk Region of Russia, area* 472

► —472–479 Union of Soviet Socialist Republics (Soviet Union)

Russia (Russian Soviet Federated Socialist Republic), other Soviet Republics of Europe

For Asiatic Russia, see area 57; *Soviet Republics of central Asia, area* 584

—472 Northern area of Soviet Union

Including Archangel, Vologda, Murmansk Regions of Russia

Class here Lakes Onega and Ladoga

For Komi Autonomous Soviet Socialist Republic, see area 478 7; *Arctic islands, area* 98

—472 5 Karelia (Karelian Autonomous Soviet Socialist Republic of Russia)

—473 West central area of Soviet Union

—473 1 Industrial area

Moscow, Vladimir, Ivanovo, Yaroslavl, Kostroma, Ryazan, Tula Regions of Russia

—473 5 Black earth area

Orel, Kursk, Belgorod, Voronezh, Lipetsk, Tambov Regions of Russia

—474 Baltic Sea area of Soviet Union

For Lithuania, see area 475

—474 1 Estonia (Estonian Soviet Socialist Republic)

Class here Livonia

For Latvia, see area 474 3

—474 3 Latvia (Latvian Soviet Socialist Republic)

Class here Courland

—474 5 Leningrad, Novgorod, Pskov Regions of Russia

—474 7 Kaliningrad (Königsberg) Region of Russia [*formerly* area 431 1]

—475 Lithuania (Lithuanian Soviet Socialist Republic)

Including Memel [*formerly* area 431 1]

—476 Western area of Soviet Union

Including Bryansk, Kaluga, Smolensk, Kalinin Regions of Russia

For Baltic Sea area, see area 474; *Ukraine, area* 477 1

—476 5 Belorussia (White Russia)

Belorussian Soviet Socialist Republic

Class here Pripet Marshes

—477 Black Sea area of Soviet Union

Class here Bessarabia [*formerly* area 498 5]

—477 1 Ukraine (Little Russia)

Ukrainian Soviet Socialist Republic

Including East Galicia [*formerly* area 437 4], North Bukovina [*formerly* area 437 5]

Class here Donets, Dniester, Dnieper Rivers, Donbas

For Crimea Region, see area 477 6

—477 5 Moldavia (Moldavian Soviet Socialist Republic)

—477 6 Crimea Region of Ukraine

—477 7 Rostov Region of Russia

Class here Don River

—478 Eastern area of Soviet Union

Class here Volga River

—478 1 Upper Volga

Gorki and Kirov Regions, Mari and Udmurt Autonomous Soviet Socialist Republics of Russia

—478 3 Middle Volga

Ulyanovsk, Penza, Kuibyshev Regions, Chuvash, Mordovian, Tatar Autonomous Soviet Socialist Republics of Russia

—478 5 Lower Volga

Saratov, Volgograd, Astrakhan Regions, Kalmyk Autonomous Soviet Socialist Republic of Russia

—478 7 Ural Mountains

Sverdlovsk, Perm, Chelyabinsk, Orenburg Regions, Bashkir and Komi Autonomous Soviet Socialist Republics of Russia

—479 Caucasus area of Soviet Union

Including Krasnodar and Stavropol Regions, Kabardino-Balkar, North Ossetian, Checheno-Ingush, Dagestan Autonomous Soviet Socialist Republics of Russia

—479 1 Azerbaijan (Azerbaijan Soviet Socialist Republic)

Including Nakhichevan Autonomous Soviet Socialist Republic

—479 2 Armenia (Armenian Soviet Socialist Republic) [*formerly* area 566 4]

—479 5 Georgia (Georgian Soviet Socialist Republic)

—48 Scandinavia

Class here northern Europe

For Finland, see area 471; *Iceland, area* 491 2

—481 Norway

For divisions of Norway, see areas **482–484**

► —482–484 Divisions of Norway

—482 Southeastern Norway

Vest-Agder, Aust-Agder, Telemark, Vestfold, Ostfold, Oslo, Akershus, Buskerud, Opland, Hedmark counties

—483 Southwestern Norway

Rogaland, Hordaland, Bergen, Sogn og Fjordane, More og Romsdal counties

—484 Central and northern Norway

Including Sor-Trondelag, Nord-Trondelag

—484 5 Northern Norway

Nordland, Troms, Finnmark counties

—485 Sweden

For divisions of Sweden, see areas **486–488**

► —486–488 Divisions of Sweden

—486 Southern Sweden (Gotaland)

Malmohus, Kristianstad, Blekinge, Kalmar, Kronoberg, Halland, Jonkoping, Alvsborg, Goteborg och Bohus, Skaraborg, Ostergotland, Gotland counties

—487 Central Sweden (Svealand)

Sodermanland, Stockholm, Uppsala, Vastmanland, Orebro, Varmland, Kopparberg, Gavleborg counties; Stockholm city

—488 Northern Sweden (Norrland)

Jamtland, Vasternorrland, Vasterbotten, Norrbotten counties

For Gavleborg, see area 487

—489 Denmark

For Faeroes, see area 491 5; *Greenland, area* 982

—489 1 Zealand island

Frederiksborg, Copenhagen, Roskilde, Holbaek, Soro, Praesto counties

—489 2 Bornholm island (Bornholm county)

—489 3 Lolland and Falster islands (Maribo county)

—489 4 Fyn and Langeland islands

Svendborg, Odense, Assens counties

—489 5 Jutland peninsula

Sonderborg, Aabenraa, Tonder, Haderslev, Ribe, Vejle, Skanderborg, Aarhus, Randers, Viborg, Ringkobing, Thisted, Aalborg, Hjorring counties

—49 Other parts of Europe

SUMMARY

—491 Northwestern islands
—492 Netherlands (Holland)
—493 Southern Low Countries
—494 Switzerland
—495 Greece
—496 Balkan Peninsula
—497 Yugoslavia and Bulgaria
—498 Romania
—499 Aegean Sea islands and Crete

—491 Northwestern islands

—491 2 Iceland

—491 5 Faeroes

—492 Netherlands (Holland)

—492 1 Northeastern provinces

Groningen, Friesland, Drenthe, Overijssel, Gelderland

—492 3 Northwestern provinces

Utrecht, North Holland, South Holland

—492 4 Southern provinces

Zeeland, North Brabant, Limburg

—493 Southern Low Countries

—493 1 – 493 4 Belgium

—493 1 Northwestern provinces

West Flanders, East Flanders

—493 2 Northern provinces

Antwerp, Limburg

—493 3 Brabant province

—493 4 Southern provinces

Hainaut, Namur, Liége, Luxembourg

Class here Meuse River, Ardennes

For a specific part of the Ardennes, see the place in which located, e.g., Ardennes department of France area **443 1**

—493 5 Luxembourg

—494 Switzerland

—494 3 Jura region

Baud, Neuchâtel, Solothurn, Basel cantons

—494 5 Swiss Plateau (Mittelland)

Geneva, Fribourg, Bern, Lucerne, Aargau, Zurich, Schaffhausen, Thurgau cantons

—494 7 Alpine region

Valais, Unterwalden, Schwyz, Zug, Saint Gall, Appenzell, Glarus, Uri, Grisons, Ticino cantons

—495 Greece

For Aegean Sea islands, see area **499**

—495 1 Central Greece and Euboea

Euboea, Attica, Boeotia, Phocis, Phthietis, Acarnania, Aetolia, Eurytania nomes

For Kythera island, see area **495 2**

—495 12 Athens

—495 2 Peloponnesus

Achaea, Corinthia, Argolis, Elis, Arcadia, Messenia, Laconia nomes, Kythera island

—495 3 Epirus

Arta, Preveza, Thesprotia, Ioannina nomes

Class Albanian Epirus in area **496 5**

—495 4 Thessaly

Trikkala, Karditsa, Larissa, Magnesia nomes

—495 5 Ionian Islands

Zante, Cephalonia, Leukas, Corfu nomes

—495 6 Macedonia

Phlorina, Kastoria, Kozane, Pella, Hematheia, Pieria, Salonika, Kilkis, Chalcidice, Serrai, Drama, Kavalla nomes, Mount Athos

Class Yugoslav Macedonia in area **497 6**, Bulgarian Macedonia in area **497 7**

—495 7 Thrace

Xanthe, Rhodope, Hevros nomes

Class Bulgarian Thrace in area **497 7**, Turkish Thrace in area **496 1**

—496 Balkan Peninsula

Class here Danube River, Ottoman Empire

For a specific country of Balkan Peninsula, of Ottoman Empire, see the subject, e.g., Greece area **495**

—496 1 Turkey in Europe (Turkish Thrace)

Edirne (Adrianople), Kirklareli, Tekirdag, Istanbul provinces

If preferred, class in area **563**

For Canakkale province, see area **562**

—496 5 Albania

—497 Yugoslavia and Bulgaria

► —497 1 – 497 6 Yugoslavia

—497 1 Serbia

Including Vojvodina, Kosovo-Metohija; Yugoslav Banat [*formerly* area **439 15**]

—497 2 Croatia [*formerly* area 439 4]

Including Slavonia [*formerly* area **439 3**], Dalmatia [*formerly* area **436 9**], Istria [*formerly* area **436 8**]

—497 3 Slovenia [*formerly* area 436 7]

Including Maribor (Marburg) [*formerly* area **436 55**], Karst [*formerly* area **436 8**]

—497 4 Central republics

—497 42 Bosnia and Herzegovina [*formerly* areas 439 5–439 6]

—497 45 Montenegro [*formerly* area 497 5]

—[497 5] Montenegro

Class in area **497 45**

—497 6 Yugoslav Macedonia (Vardar Macedonia)

—497 7 Bulgaria

—498 Romania

—498 1 Northeastern

Former heading: Moldavia

Suceava, Iasi, Bacau, Galati regions

—498 2 Southeastern

Former heading: Walachia

Ploesti, Arges, Bucuresti regions; Bucuresti city

For Black Sea area, see area **498 3**

—498 3 Black Sea area

Former heading: Dobruja

Dobrogea region and Constanta city

—498 4 Central and western

Banat [*formerly* area 439 15], Brasov, Oltenia, Hunedoara, Crisana, Maramures, Cluj regions; Mures-Magyar Autonomous Region

Class here Transylvania [*formerly* area 439 2], Bukovina [*formerly* area 437 5]

For Yugoslav Banat, see area 497 1; *North Bukovina, area* 477 1

—[498 5] Bessarabia

Class in area 477

—499 Aegean Sea islands

Including Lesbos, Chios, Samos, Cyclades nomes of Greece; Thasos, Samothrace, Northern Sporades islands of Greece; Imbros (Imroz) and Tenedos (Bozcaada) islands of Turkey

For Euboea, see area 495 1; *Kythera, area* 495 2

—499 6 Dodecanese (Southern Sporades)

—499 8 Crete

Canea, Rethymne, Herkleion, Lasethi nomes of Greece

—5 Asia

Class here the Orient, Eurasia

SUMMARY

—51	China and adjacent areas
—52	Japan and adjacent islands
—53	Arabian Peninsula and adjacent areas
—54	South Asia
—55	Iran (Persia)
—56	Middle East
—57	Siberia (Asiatic Russia)
—58	Central Asia
—59	Southeast Asia

► —51–52 Far East

For Far Eastern Siberia, see area 577; *Southeast Asia, area* 59

—51 China and adjacent areas

SUMMARY

—511	Northeastern China
—512	Southeastern China and adjacent areas
—513	Southwestern China (South-Western Region)
—514	Northwestern China
—515	Tibet Autonomous Region
—516	Sinkiang-Uighur Autonomous Region
—517	Mongolia
—518	Manchuria
—519	Korea

—511 Northeastern China

Class here Northern Region, Hwatung and Hwapei regional divisions, Hwang Ho (Yellow River)

For Manchuria, see area 518; *a specific province of Northern Region, Hwatung, Hwapei, the subject, e.g., Anhwei area* 512 25

—511 3 Kiangsu province

—511 32 Shanghai municipality

—511 4 Shantung province

—511 5 Hopeh province

—511 56 Peking municipality

—511 7 Shansi province

—511 8 Honan province

—512 Southeastern China and adjacent areas

Class here Eastern and Central-Southern Regions, Chungnan regional division, Yangtze River

For a specific province of Eastern, of Central-Southern Region, of Chungnan, see the subject, e.g., Honan area **511 8**

—512 1 Hupeh province

—512 15 Hunan province

—512 2 Kiangsi province

—512 25 Anhwei province

—512 4 East China Sea area

—512 42 Chekiang province

—512 45 Fukien province

—512 49 Taiwan (Formosa) and adjacent islands

—512 5 Hong Kong colony

—512 6 Macao colony

—512 7 Kwangtung province

—512 8 Kwangsi-Chuang Autonomous Region

—513 Southwestern China (South-Western Region)

Class here Sinan regional division

For Tibet, see area **515**

—513 4 Kweichow province

—513 5 Yunnan province

—[513 7] Former Sikang province

Class in area **513 8**

—513 8 Szechwan province

Including former Sikang province [*formerly* area **513 7**]

—514 Northwestern China

Class here North-Western Region, Sipei regional division

For a specific part of North-Western Region, of Sipei, see the subject, e.g., Sinkiang-Uighur Autonomous Region area **516**

—514 3 Shensi province

—514 5 Kansu province

—514 7 Tsinghai (Chinghai) province

—515 Tibet Autonomous Region

—516 Sinkiang-Uighur Autonomous Region

Class here Kunlun Mountains, Tien Shan

—517 Mongolia

Class here Altai Mountains

—[517 1] Tuva Autonomous Region

Class in area **575**

—517 3 Outer Mongolia (Mongolian People's Republic)

Class here Gobi Desert

—517 5 Ningsia-Hui Autonomous Region

—[517 6] Former Suiyuan province

Class in area **517 7**

—517 7 Inner Mongolia Autonomous Region

Including former Suiyuan province [*formerly* area **517 6**]

—518 Manchuria

Class here North-Eastern Region, Tungpei regional division of China

For Inner Mongolia Autonomous Region, see area **517 7**

—518 2 Liaoning province

—518 4 Heilungkiang province

Including former Sungkiang province [*formerly* area **518 85**]

—518 8 Kirin province

—[518 85] Former Sungkiang province

Class in area **518 4**

—519 Korea

—519 3 Northern part

Area north of 38° N

—519 5 Southern part

Area south of 38° N

—52 Japan and adjacent islands

—521 Honshu island

—521 1 Northern Honshu prefectures

Aomori, Iwate, Miyagi, Akita, Yamagata, Fukushima

—521 3 East central Honshu prefectures

Including Ibaraki, Tochigi, Gumma, Saitama, Chiba, Kanagawa

—521 35 Tokyo prefecture and city

—521 5 Northwest central Honshu prefectures

Niigata, Toyama, Ishikawa, Fukui

—521 6 Southwest central Honshu prefectures

Including Yamanashi, Nagano, Gifu, Shizuoka, Aichi

—521 66 Fujiyama

—521 8 Southern Honshu prefectures

Mie, Shiga, Nara, Wakayama, Osaka

—521 9 Western Honshu prefectures

Including Hyogo, Tottori, Shimane, Okayama, Hiroshima, Yamaguchi

—521 91 Kyoto prefecture and city

—522 Kyushu island

Fukuoka, Saga, Nagasaki, Kumamoto, Oita, Miyazaki, Kagoshima prefectures

—523 Shikoku island

Tokushima, Kagawa, Ehime, Kochi prefectures

—524 Hokkaido island and prefecture

—[526] Southern Sakhalin

Class in area **577**

—[527] Kurile Islands

Class in area **577**

—528 Southern islands

—528 1 Ryukyu Islands (Luchu)

—528 5 Bonin Islands

—53 Arabian Peninsula and adjacent areas

Class here Rub' al Khali, Dahana, Syrian Desert

Class Arabs [*formerly* area **53**] in area **174**

—531 Sinai Peninsula

—[532] Hejaz

Class in area **538**

—533 Southwestern coast of Arabia

—533 2 Yemen

—[533 4] Aden Colony

Class in area **533 5**

—533 5 Aden

Including Hadhramaut and Mahri [*both formerly* area **534**], Aden Colony [*formerly* area **533 4**]

Class here Federation of South Arabia

For Socotra, see area **677 2**

—[534] Hadhramaut and Mahri

Class in area **533 5**

—535 Oman

Trucial Oman, "Independent Oman," Sultanate of Muscat and Oman

—536 Persian Gulf region

Class Hasa [*formerly* area **536**] in area **538**

For Trucial Oman, see area **535**

—536 3 Qatar [*formerly* area 538 3]

—536 5 Bahrein [*formerly* area 538 5]

—536 7 Kuwait [*formerly* area 538 7]

—538 Saudi Arabia

Including Hejaz [*formerly* area **532**], Hasa [*formerly* area **536**], Nejd

—[538 3] Qatar

Class in area **536 3**

—[538 5] Bahrein

Class in area **536 5**

—[538 7] Kuwait

Class in area **536 7**

—54 South Asia

Class here Himalayas, Indus River, Brahmaputra River

For Southeast Asia, see area **59**

SUMMARY

—541	**Northeastern India**
—542	**Uttar Pradesh state**
—543	**Madhya Pradesh state**
—544	**Rajasthan state**
—545	**Punjab region of India**
—546	**Jammu and Kashmir state**
—547	**Western India**
—548	**Southern India**
—549	**Pakistan and other jurisdictions**

—541–548 India

► —541 Northeastern India

Class here Ganges River

—541 2 Bihar state

—541 3 Orissa state

—541 4 West Bengal state

Class here former province of Bengal

—[541 45] East Bengal

Class in area **549 2**

—541 5 Tripura territory

—541 6 Assam and Nagaland

—541 62 Assam state

—541 65 Nagaland state

—541 7 Manipur territory

—[541 9] Bhutan

Class in area **549 8**

—542 Uttar Pradesh state

—[542 3] North-West Frontier Province

Class in area **549 12**

—[542 6] Nepal

Class in area **549 6**

—[542 7] Sikkim

Class in area **549 7**

—543 Madhya Pradesh state

Including former states of Madhya Bharat [*formerly* area **544 5**], Bhopal, Vindhya Pradesh

—544 Rajasthan state

Including former state of Ajmer

Class here Thar or Indian Desert

—[544 5] Madhya Bharat

Class in area **543**

—[544 6] Saurashtra

Class in area **547 5**

—[544 7] Cutch
Class in area **547 5**

—545 Punjab region of India
Class here former province of Punjab

—545 2 Himachal Pradesh territory
Including former state of Bilaspur [*formerly* area **545 3**]

—[545 3] Bilaspur
Class in area **545 2**

—[545 4] Patiala and East Punjab States Union
Class in area **545 5**

—545 5 Punjab state
Including former state of Patiala and East Punjab States Union [*formerly* area **545 4**]

—545 6 Delhi territory

—[545 8] Punjab of Pakistan
Class in area **549 14**

—[545 9] Bahawalpur
Class in area **549 16**

—546 Jammu and Kashmir state
Kashmir is claimed by both India and Pakistan
If preferred, class Kashmir in area **549 13**
Class here Karakoram Mountains

—547 Western India
Class Pakistan [formerly area **547**] in area **549 1 – 549 2**

—547 5 Gujarat state
Including former states of Saurashtra [*formerly* area **544 6**], Cutch [*formerly* area **544 7**]

—547 9 Maharashtra state and adjacent territories

—547 92 Maharashtra state

—547 96 Dadra and Nagar Haveli territory

—547 99 Goa, Daman and Diu territory

—548 Southern India

—548 1 Laccadive [*formerly* area 548 2], Minicoy and Amindivi Islands territory

—548 2 Madras state
Class Laccadive Islands [*formerly* area **548 2**] in area **548 1**

—548 3 Kerala state
Including former state of Travancore-Cochin

—548 4 Andhra Pradesh state
Class here former state of Hyderabad [*formerly* area **549**]

—[548 5] Coorg
Class in area **548 7**

—548 6 Pondicherry territory

—548 7 Mysore state
Including former state of Coorg [*formerly* area **548 5**]

—548 8 Andaman and Nicobar Islands territory

—[548 9] Ceylon and Maldive Islands
Class Ceylon in area **549 3**, Maldive Islands in area **549 5**

—*549* Pakistan and other jurisdictions
Class Hyderabad [*formerly* area **549**] in area **548 4**

► —549 1 – 549 2 Pakistan [*formerly* area 547]

—549 1 West Pakistan

—549 12 North-West Frontier [*formerly* area 542 3]

—549 122 Districts and agencies north of Peshawar

—549 123 Peshawar

—549 124 Dera Ismail Khan

—549 13 Kashmir
Claimed by both Pakistan and India
(Optional; prefer area **546**)

—549 14 Punjab of Pakistan [*formerly* area 545 8]
—549 142 Rawalpindi
—549 143 Lahore
—549 144 Sargodha
—549 145 Multan
—549 15 Eastern Baluchistan [*formerly* area 588]
Class here comprehensive works on Baluchistan [*formerly* area **588**]
For Iran's special province of Baluchistan, see area **558**

—549 152 Quetta
—549 153 Kalat
—549 16 Bahawalpur [*formerly* area 545 9]
—549 17 Khairpur
—549 18 Sind
—549 182 Hyderabad
—549 183 Karachi
—549 2 East Pakistan
Former East Bengal [*formerly* area **541 45**]

—549 22 Dacca
—549 23 Chittagong
—549 24 Rajshahi
—549 25 Khulna

► —549 3 – 549 8 Other jurisdictions

—549 3 Ceylon [*formerly* area 548 9]
—549 5 Maldive Islands [*formerly* area 548 9]
—549 6 Nepal [*formerly* area 542 6]
—549 7 Sikkim [*formerly area* 542 7]
—549 8 Bhutan [*formerly* area 541 9]

—55 Iran (Persia)
—551 Gilan (First Province)
—552 Mazanderan (Second Province)
—553 East Azerbaijan (Third Province)
—554 West Azerbaijan (Fourth Province)
—555 Hamadan (Fifth Province)
Including Kermanshah, special province of Kurdistan
—556 Khuzistan (Sixth Province)
—557 Fars (Seventh Province)
—558 Kerman (Eighth Province)
Including special province of Baluchistan [*formerly* area **588**]
—559 Khurasan (Ninth Province)
—559 5 Isfahan and Yezd (Tenth Province)

—56 Middle East
Class here Near East
For a specific country of Middle or of Near East, see the subject, e.g., Saudi Arabia area **538**

—561 Asia Minor and adjacent islands
Class here Turkey
For divisions of Asia Minor and adjacent islands, see areas **562–566**; *Aegean Sea islands, area* **499**

—[561 7] Bursa province of Turkey
Class in area **563**

► —562–566 Divisions of Asia Minor and adjacent islands

—562 Western Asia Minor
Canakkale, Balikesir, Manisa, Kutahya, Usak, Afyon, Denizli, Burdur, Mugla, Aydin, Izmir (Smyrna) provinces of Turkey

—563 North central Asia Minor
Bursa [*formerly* area **561 7**], Bilecik, Kocaeli, Bolu, Eskisehir, Ankara, Cankiri, Zonguldak, Kastamonu, Sinop, Samsun, Amasya, Corum, Yozgat, Sakarya provinces of Turkey
(Optional: Turkey in Europe; prefer area **496 1**)
For Istanbul province, see area **496 1**

—564 South central Asia Minor and Cyprus

Including Antakya, Isparta, Konya, Kirsehir, Kayseri, Nevsehir, Nygde, Icel, Seyhan (Adana), Hatay, Gaziantep provinces of Turkey

—564 5 Island of Cyprus

—565 East central Asia Minor

Trebizond (Trabzon), Gumusane, Giresun, Ordu, Tokat, Sivas, Maras, Malatya, Adiyaman, Urfa provinces of Turkey

—566 Eastern Asia Minor

—566 2 Armenia

Including Rize, Coruh, Erzurum, Kars, Agri, Van, Hakari provinces of Turkey

For Trebizond, see area **565**; *Soviet Armenia, area* **479 2**

—[566 4] Soviet Armenia

Class in area **479 2**

—566 7 Kurdistan

Erzincan, Elazig, Tunceli, Diyarbakir, Mus, Bingol, Bitlis, Sürt, Mardin provinces of Turkey

Class Iranian Kurdistan in area **555**, Iraqi Kurdistan in area **567**

—567 Iraq

—[568] Aleppo

Class in area **569 1**

—569 Eastern Mediterranean

—569 1 Syria

Including province of Aleppo [*formerly* area **568**]

—569 2 Lebanon

—[569 3] Jews after dispersion

Class in area **174**

—569 4 Israel

Class here Palestine

For Jordan, see area **569 5**

—569 5 Jordan

—57 Siberia (Asiatic Russia)

Class here Soviet Union in Asia

For Soviet Republics of central Asia, see area **584**

—573 Western Siberia

Altai Territory; Kurgan, Tyuman, Omsk, Novosibirsk, Tomsk, Kemerovo Regions

—575 Eastern Siberia

Krasnoyarsk Territory; Irkutsk and Chita Regions; Buryat and Yakut Autonomous Soviet Socialist Republics

Including Tuva Autonomous Region [*formerly* area **517 1**]

Class here Sayan Mountains

—577 Far Eastern Siberia

Khabarovsk and Primorye Territories; Amur, Magadan, Kamchatka, Sakhalin Regions

Including southern Sakhalin [*formerly* area **526**], Kurile Islands [*formerly* area **527**]

Class here Amur River

—58 Central Asia

—581 Afghanistan

Including regions of Afghanistan [*formerly* areas **582–583**]

Class here Hindu Kush

—[582–583] Regions of Afghanistan

Class in area **581**

—584 Turkestan

Class here Soviet Republics of central Asia

For Sinkiang, see area **516**; *a specific Soviet Republic, the subject, e.g., Uzbek Soviet Socialist Republic area* **587**

—584 3 Kirghizistan (Kirghiz Soviet Socialist Republic)

Class here Tien Shan in Soviet Union

—584 5 Kazakhstan (Kazakh Soviet Socialist Republic)

—585 Turkmenistan (Turkmen Soviet Socialist Republic)

—586 Tadzhikistan (Tadzhik Soviet Socialist Republic)

—587 Uzbekistan (Uzbek Soviet Socialist Republic)

Including Kara-Kalpak Autonomous Soviet Socialist Republic

—[588] Baluchistan

Class Baluchistan and eastern Baluchistan in area **549 15**, western Baluchistan in area **558**

—59 Southeast Asia

For Malay Archipelago, see area **91**

—591 Burma

Including Upper Burma [*formerly* area **592**]

—[592] Upper Burma

Class in area **591**

—593 Thailand (Siam)

—594 Laos

—595 Malaysia

For North Borneo states of Malaysia, see areas **911 52 – 911 53**

—595 1 Malaya state

—595 2 Singapore state

—596 Cambodia

—597 Vietnam

Including regions of Vietnam [*formerly* areas **598–599**]

—[598–599] Regions of Vietnam

Class in area **597**

—6 Africa

SUMMARY

—61	North Africa
—62	Egypt and Sudan
—63	Ethiopia
—64	Northwest African coast and offshore islands
—65	Algeria
—66	West Africa and offshore islands
—67	Central Africa and offshore islands
—68	South Africa
—69	South Indian Ocean islands

—61 North Africa

For a specific part of North Africa, see the subject, e.g., Algeria area **65**

—611 Tunisia

—612 Libya

Class here Libyan Desert [*formerly* area **619**]

For Fezzan, see area **613**; *Cyrenaica, area* **614**

—612 2 Tripolitania

—613 Fezzan

—614 Cyrenaica

—[619] Libyan Desert

Class in area **612**

—62 Egypt and Sudan

Class here Nile River

For Sinai Peninsula, see area **531**

► —621–623 Divisions of Egypt (United Arab Republic)

—621 Lower Egypt

Nile Delta region: to about 30° N

—621 5 Isthmus of Suez

—621 6 Cairo

—622 Middle Egypt
Between Cairo and Asyut: 30° N to about 27° N
Class here Western Desert, Qattara Depression

—623 Upper Egypt
South of Asyut: from 27° N
Class here Eastern (Arabian) Desert

—624 Sudan
For provinces of Sudan, see areas **625–629**

—[624 1] Northern Province
Class in area **625**

► —625–629 Provinces of Sudan

—625 Northern Province [*formerly* area 624 1]
Class here Nubian Desert

—626 Central provinces
—626 2 Khartoum
—626 4 Blue Nile
—627 Darfur Province
—628 Kordofan Province
—629 Eastern and southern provinces
—629 2 Kassala
—629 3 Upper Nile
—629 4 Bahr el Ghazal
—629 5 Equatoria

—63 Ethiopia
—635 Eritrea

—64 Northwest African coast and offshore islands

► —642–646 Morocco

—642 Mediterranean region
Former Spanish Morocco
Including Spanish cities of Ceuta, Melilla
Class here Rif Mountains

—643 Northern region
West of Atlas Mountains and south to Wadi Oum er Rbia
Including Casablanca, Rabat, Meknes, Fez, Oujda
For Mediterranean region, see area **642**

—644 Atlas Mountains region
—645 Region southeast of Atlas Mountains
—646 Southwestern region
South of Wadi Oum er Rbia
Including Marrakesh, Agadir

—648 Spanish West Africa
Ifni, Spanish Sahara (Saguia el Hamra, Rio de Oro)

—649 Canary Islands
Santa Cruz de Tenerife and Las Palmas provinces of Spain

—65 Algeria

► —651–655 Northern Algeria

—651 Western part
Including Oran

—653 Central part
Including Algiers

—655 Eastern part
Including Sétif, Constantine, Bône

—657 Sahara (Southern Territories)

—66 **West Africa and offshore islands**

Class here Sahara Desert

For a specific part of Sahara, see the subject, e.g., Libyan Desert area **612**

—661 Mauritania

—662 Mali

Class here Niger River

—662 5 Upper Volta

—662 6 Niger

—663 Senegal

—664 Sierra Leone

—665 Upper Guinea area

For a specific country of Upper Guinea, see the subject, e.g., Sierra Leone area **664**

—665 1 The Gambia

—665 2 Guinea republic

—665 7 Portuguese Guinea

—665 8 Cape Verde Islands

—666 Liberia

—666 8 Ivory Coast

—667 Ghana

—668 Dahomey

—668 1 Togo

—669 Nigeria

—669 1 Federal territory of Lagos

—669 2 Western

—669 3 Mid-Western

—669 4 Eastern

—669 5 Northern

—669 9 Islands of the Gulf of Guinea

—669 91 Fernando Po

—669 93 Principe

—669 94 São Tomé

—669 96 Annobón

—67 **Central Africa and offshore islands**

Class here Negro Africa, Africa south of the Sahara

Class Negroes not limited by continent [*formerly* area **67**] in area **174**

For a specific country of Negro Africa, of Africa south of the Sahara, see the subject, e.g., Nigeria area **669**

—671 Lower Guinea area

For a specific country of Lower Guinea, see the subject, e.g., Gabon area **672 1**

—671 1 Cameroun

—671 8 Rio Muni

Class here Spanish Guinea

For island of Fernando Po, see area **669 91**; *of Annobón, area* **669 96**

—672 Gabon and Congo

—672 1 Gabon

—672 4 Congo (Middle Congo)

Former French Congo

—673 Angola

—673 1 Cabinda

Exclave of Angola

—674 Central African Republic and Chad

—674 1 Central African Republic

Formerly Ubangi-Shari

—674 3 Chad

—675 Congo (Former Belgian Congo)
Class here Congo River, Edward Nyanza

—675 7 Rwanda and Burundi (Ruanda-Urundi)
—675 71 Rwanda
—675 72 Burundi
—676 Uganda and Kenya
—676 1 Uganda
Class here Albert Nyanza

—676 2 Kenya
—[676 8] Jubaland
Class in area **677 3**

—677 Somaliland and Socotra
—677 1 French Somaliland
—677 2 Socotra
Class former British Somaliland [*formerly* area **677 2**] in area **677 3**

—677 3 Somalia
Including former British Somaliland [*formerly* area **677 2**], former Jubaland [*formerly* area **676 8**]

—678 Tanganyika and Zanzibar (Tanzania)
—678 1 Zanzibar and adjacent islands
—678 2 Tanganyika
Class here Kilimanjaro; Lakes Victoria, Tanganyika, Nyasa

—679 Mozambique
Class here Zambesi River

—68 South Africa
Class here Union of South Africa, Republic of South Africa

—681 Bechuanaland Protectorate
—682 Transvaal
—682 2 Witwatersrand

—683 Swaziland
Class Zululand [*formerly* area **683**] in area **684**

—684 Natal
Including Zululand [*formerly* area **683**]

—685 Orange Free State
—686 Basutoland (Basotho)
—687 Cape of Good Hope
For Walvis Bay exclave, see area **688**

—688 South-West Africa
Including Walvis Bay exclave of Cape of Good Hope

—689 Rhodesia and Nyasaland
—689 1 Rhodesia (Southern Rhodesia)
Including Matabeleland [*formerly* area **689 2**], Mashonaland [*formerly* area **689 3**]
Class here Victoria Falls

—[689 2] Matabeleland
Class in area **689 1**

—[689 3] Mashonaland
Class in area **689 1**

—689 4 Zambia (Northern Rhodesia)
—689 7 Malawi (Nyasaland)

—69 South Indian Ocean islands
—691 Madagascar (Malagasy Republic)
—694 Islands north of Madagascar
Comoro, Aldabra, Cosmoledo, Glorioso, Providence, Farquhar, Agalega

—695 Amirantes
—696 Seychelles
—697 Chagos Islands

—698 Mascarene Islands

Including Rodrigues; Cargados Carajos Shoals

Class Cocos Islands [*formerly* area 698] in area 699

For Agalega, see area 694

—698 1 Réunion

—698 2 Mauritius

—699 Isolated islands

Cocos [*formerly* area 698], Amsterdam, Saint Paul, Kerguelen, Crozet, Prince Edward

—7 North America

Class Western Hemisphere in area 181 2

—701 Indians of North America

Including Eskimos [*formerly* area 98]

Class North American Indians not limited by continent in area 174 97

SUMMARY

—71 Canada
—72 Middle America
—73 United States
74–79 Specific states of United States
—74 Northeastern states
—75 Southeastern (South Atlantic) states
—76 South central states
—77 North central states
—78 Western states
—79 States of Great Basin and Pacific Slope

—71 **Canada**

If alphabetic arrangement of local divisions of each province and territory is preferred, add, to the number for the province or territory, 09 for regions, counties, physiographic features, and 093 for cities, towns, villages, e.g., York County, Ontario 713 09 Y6, Lake Nipissing 713 09 N5, Brantford 713 093 B7

SUMMARY

—711 British Columbia
—712 Northern territories and prairie provinces
—712 1 Yukon Territory
—712 2 Northwest Territories
—712 21 Mackenzie District
—712 3 Alberta
—712 4 Saskatchewan
—712 6 Keewatin District
—712 7 Manitoba
—712 9 Franklin District
—713 Ontario
—714 Quebec
—715 New Brunswick
—716 Nova Scotia
—717 Prince Edward Island
—718 Newfoundland and adjacent islands
—719 Labrador territory of province of Newfoundland

—711 British Columbia

Class here Rocky Mountains in Canada

—711 1 Northern region

Area north of 55° N

Class here Peace River District in British Columbia

—711 2 Central interior region

Area between 55° N and 51° N, and east of Coast Mountains

Class here Fraser River and Valley

—711 3 Coastal region

Area south of 55° N to international boundary, and west of Coast Mountains

Class here Cascade and Coast Ranges in Canada

—711 31 Queen Charlotte Islands

—711 32 Northwest coastal region

Area between 55° N and 51° N, and west of Coast Mountains

Including Prince Rupert, Kitimat, Ocean Falls

—711 33 Lower coastal mainland

Area south of 51° N to international boundary, and west of Coast Mountains

Including Vancouver, Port Moody, Port Coquitlam, New Westminster, Mission City, Chilliwack

—711 34 Vancouver Island

Including Victoria

—711 4 Southern interior region

Area south of 51° N to international boundary, and east of Coast Mountains

—711 41 Valleys of lower Thompson, Nicola, Similkameen Rivers

Including Kamloops

—711 42 Okanagan Valley

Including Kelowna, Vernon, Penticton

—711 43 Selkirk Mountains region

—711 44 Area between Monashee and Selkirk Mountains

Including Trail, Nelson

—711 45 Kootenay-Upper Columbia Rivers Valley

Rocky Mountain trench region

Class here Columbia River in British Columbia

—712 Northern territories and prairie provinces

—712 1 Yukon

—712 2 Northwest Territories

For Keewatin District, see area 712 6; *Franklin District, area* 712 9

—712 21 Mackenzie District

—712 3 Alberta

—712 31 Northwestern region

Area north of 55° N, and west of 114° W

Including Peace River, Grande Prairie

Class here Peace River District

—712 32 Northeastern region

Area north of 55° N, and east of 114° W

Class here Athabaska River, Wood Buffalo National Park

—712 33 Central region

Area between 55° N and 51° N

Including Edmonton, Banff, Calgary, Drumheller, Lacombe

Class here North and South Saskatchewan and Red Deer Rivers

—712 34 Southern region

Area south of 51° N to international boundary

Including Blairmore, Coleman, Macleod, Lethbridge, Medicine Hat

—712 4 Saskatchewan

—712 41 Northern region (Forest region)

Area north of 55° N

Class here Lake Athabaska

—712 42 Central region (Park lands region)

Area between 55° N and 51° N

Including Battleford, Biggar, Prince Albert, Saskatoon

Class here Saskatchewan River

—712 43 Southwestern region

Area south of 51° N, and west of 106° W

Including Maple Creek, Shaunavon, Swift Current

—712 44 Southeastern region

Area south of 51° N, and east of 106° W

Including Regina, Fort Qu'Appelle, Indian Head, Melville, Moose Jaw, Weyburn

—712 6 Keewatin District

—712 7 Manitoba

—712 71 Northern region
Area north of 55° N
Including Churchill, Port Nelson
Class here Hudson Bay Lowland region

—712 72 Lake region
Area between 55° N and 50°30′ N
Including Flin Flon, The Pas
Class here Laurentian Plateau in Manitoba

—712 73 Southwestern region
Area south of 50°30′ N, and west of 98° W
Including Brandon, Portage la Prairie, Minnedosa, Morden, Virden
Class here Assiniboine River

—712 74 Southeastern region
Area south of 50°30′ N, and east of 98° W
Including Winnipeg, Saint Boniface, Transcona
Class here Red River of the North in Manitoba

—[712 8] New Quebec District
Class in area 714 17

—712 9 Franklin District

—713 Ontario
Class here Great Lakes in Canada

SUMMARY

—713 1	Northwestern region
—713 2	Lake Huron counties
—713 3	Lake Erie counties
—713 4	West central counties
—713 5	Lake Ontario counties
—713 6	Central counties
—713 7	Saint Lawrence River counties
—713 8	Ottawa River counties

—713 1 Northwestern region
Class here Lake Superior in Ontario, Hudson Bay coast region

—713 11 Kenora District
Class here Lake of the Woods in Ontario

—713 117 Rainy River District

—713 12 Thunder Bay District

—713 13 Algoma District
Class here North Channel

—713 133 Sudbury District

—713 135 Manitoulin District

—713 14 Cochrane District

—713 144 Timiskaming District

—713 147 Nipissing District
Class here Algonquin Provincial Park, Lake Nipissing

—713 15 Parry Sound District
Class here Georgian Bay

—713 16 Muskoka District

—713 17 Simcoe County

—713 18 Grey County

—713 2 Lake Huron counties

—713 21 Bruce County

—713 22 Huron County

—713 23 Perth County

—713 25 Middlesex County
For London, see area 713 26

—713 26 London

—713 27 Lambton County

—713 3 Lake Erie counties

—713 31 Essex County

Class here Lake Saint Clair in Ontario

For Windsor, see area 713 32

—713 32 Windsor

—713 33 Kent County

—713 34 Elgin County

For Saint Thomas, see area 713 35

—713 35 Saint Thomas

—713 36 Norfolk County

—713 37 Haldimand County

—713 38 Welland County

For Niagara Falls, see area 713 39

—713 39 Niagara Falls

—713 4 West central counties

Class here Laurentian Plateau in Ontario

—713 41 Dufferin County

—713 42 Wellington County

For Guelph, see area 713 43

—713 43 Guelph

—713 44 Waterloo County

For Kitchener, see area 713 45

—713 45 Kitchener

—713 46 Oxford County

—713 47 Brant County

For Brantford, see area 713 48

—713 48 Brantford

—713 5 Lake Ontario counties

—713 51 Lincoln County

—713 52 Wentworth County

—713 53 Halton County

—713 535 Peel County

—713 54 York County

—713 541 Toronto

—713 55 Ontario County

—713 56 Durham County

—713 57 Northumberland County

Class here Rice Lake

—713 58 Hastings County

—713 587 Prince Edward County

—713 59 Lennox and Addington County

—713 6 Central counties

—713 61 Haliburton County

—713 64 Victoria County

—713 67 Peterborough County

For Peterborough city, see area 713 68

—713 68 Peterborough city

—713 7 Saint Lawrence River counties

Class here Thousand Islands in Ontario

—713 71 Frontenac County

For Kingston, see area 713 72

—713 72 Kingston

—713 73 Leeds County

—713 74 Grenville County

—713 75 Dundas County

—713 76 Stormont County

—713 77 Glengarry County

—713 8 Ottawa River counties

Including Ottawa River

—713 81 Renfrew County

—713 82 Lanark County

—713 83 Carleton County

For Ottawa, see area **713 84**

—713 84 Ottawa

—713 85 Russell County

—713 86 Prescott County

—714 Quebec

Class here Saint Lawrence River and Seaway, Laurentian Plateau

SUMMARY

—714 1	Northern region
—714 2	Western counties (Ottawa Valley counties)
—714 3	Southwestern counties
—714 4	North central counties
—714 5	South central counties
—714 6	Southern counties
—714 7	Southeastern counties

—714 1 Northern region

—714 11 Mistassini Territory

—714 12 Abitibi Territory

—714 13 Abitibi County

—714 14 Lake Saint John County

Lake Saint John East and Lake Saint John West Counties

—714 16 Chicoutimi County

Class here Saguenay River

—714 17 Saguenay County

Including New Quebec District [*formerly* area **712 8**]

Class here Anticosti Island

—[714 19] Ashuanipi Territory

Class in area **719**

—714 2 Western counties (Ottawa Valley counties)

—714 21 Timiskaming County

—714 215 Pontiac County

—714 22 Hull County

Including Gatineau County

—714 225 Labelle County

—714 227 Papineau County

—714 23 Argenteuil County

—714 24 Terrebonne County

—714 25 Two Mountains County

—714 26 Vaudreuil County

—714 265 Soulanges County

—714 27 Montreal and Jesus Islands County

For Montreal Island, see area **714 28**

—714 271 Laval County (Jesus Island)

—714 28 Montreal County (Montreal Island)

Hochelaga, Jacques Cartier Counties

—714 281 Greater Montreal

Including Verdun, Outremont, West Mount, Mount Royal

—714 3 Southwestern counties

Area south of Saint Lawrence River, and west of Richelieu River

Class here Richelieu River

—714 31 Huntingdon County

—714 32 Beauharnois County

—714 33 Châteauguay County

—714 34 Laprairie County

—714 35 Napierville County

—714 36 Verchères County

—714 37 Chambly County

—714 38 Saint Johns County

—714 4 North central counties

Area north of Saint Lawrence River from Montreal to Saguenay River

Class here Montagne Tremblante Provincial Park, Laurentides Provincial Park

—714 41 Montcalm County
—714 416 L'Assomption County
—714 42 Joliette County
—714 43 Berthier County
—714 44 Maskinongé County
—714 45 Saint Maurice County
—714 46 Champlain County
—714 466 Portneuf County
—714 47 Quebec County
—714 471 Quebec city
—714 48 Montmorency Counties no. 1 and no. 2
—714 49 Charlevoix County
Charlevoix East and Charlevoix West Counties

—714 5 South central counties

Area south of Saint Lawrence River, and east of Richelieu River to Quebec

—714 51 Richelieu County
—714 52 Saint Hyacinthe County
—714 525 Bagot County
—714 53 Rouville County
—714 54 Yamaska County
—714 55 Nicolet County
—714 56 Drummond County
—714 565 Arthabaska County
—714 57 Wolfe County
—714 575 Megantic County
—714 58 Lotbinière County
—714 59 Levis County

—714 6 Southern counties

Southern border area east of Richelieu River

—714 61 Iberville County
—714 62 Missisquoi County
—714 63 Shefford County
—714 64 Brome County
—714 65 Richmond County
—714 66 Sherbrooke County
—714 67 Stanstead County
—714 68 Compton County
—714 69 Frontenac County
—714 7 Southeastern counties

Area south of Saint Lawrence River from Quebec to Gulf of Saint Lawrence

Class here Notre Dame Mountains

—714 71 Beauce County
—714 72 Dorchester County
—714 73 Bellechasse County
—714 735 Montmagny County
—714 74 L'Islet County
—714 75 Kamouraska County
—714 76 Temiscouata County
Including Rivière du Loup County

—714 77 Gaspé Peninsula

For Bonaventure County, see area 714 78; *Gaspé County, area* 714 79

—714 771 Rimouski County
—714 775 Matane County
Including Matapédia County
—714 78 Bonaventure County
—714 79 Gaspé County
Gaspé East and Gaspé West Counties

—714 797 Magdalen Islands

—715 New Brunswick
Class here Maritime Provinces
For Nova Scotia, see area 716; *Prince Edward Island, area* 717

—715 1 Northern counties
—715 11 Restigouche County
—715 12 Gloucester County
—715 2 Eastern counties
—715 21 Northumberland County
—715 22 Kent County
—715 23 Westmorland County
—715 3 Southern counties
Class here Bay of Fundy

—715 31 Albert County
—715 32 Saint John County
—715 33 Charlotte County
—715 4 Central counties
—715 41 Kings County
—715 42 Queens County
—715 43 Sunbury County
—715 5 Western counties
Class here Saint John River

—715 51 York County
—715 52 Carleton County
—715 53 Victoria County
—715 54 Madawaska County

—716 Nova Scotia
—716 1 Northern counties
—716 11 Cumberland County
—716 12 Colchester County
—716 13 Pictou County
—716 14 Antigonish County

—716 2 Southern counties (Atlantic coast)
—716 21 Guysborough County
—716 22 Halifax County
—716 23 Lunenburg County
—716 24 Queens County
—716 25 Shelburne County
—716 3 Western counties
Class here Bay of Fundy in Nova Scotia

—716 31 Yarmouth County
—716 32 Digby County
—716 33 Annapolis County
—716 34 Kings County
—716 35 Hants County
—716 9 Cape Breton Island
—716 91 Inverness County
Class here Cape Breton Highlands National Park

—716 93 Victoria County
—716 95 Cape Breton County
For Sydney, see area 716 96

—716 96 Sydney
—716 98 Richmond County

—717 Prince Edward Island
—717 1 Prince County
—717 4 Queens County
For Charlottetown, see area 717 5

—717 5 Charlottetown
—717 7 Kings County

—718 Newfoundland and adjacent islands
For Labrador territory, see area 719

—718 8 Saint Pierre and Miquelon
French territory

—719 Labrador territory of province of Newfoundland

Including Ashuanipi Territory [*formerly* area **714 19**]

Class here Labrador Peninsula

—72 **Middle America**

► —721–727 Mexico

—721 Northern states

Tamaulipas, Nuevo León, Coahuila, Durango, Chihuahua, Sonora

—722 Lower California peninsula

Baja California state, Baja California Sur territory

—723 Central Pacific states

Sinaloa, Nayarit, Jalisco, Colima, Michoacán

—724 Central states

Guanajuato, Aguascalientes, Zacatecas, San Luis Potosí, Querétaro, Hidalgo, Tlaxcala, Puebla, Morelos

—725 Valley of Mexico

Mexico state, Federal District

—726 Southern Gulf region

Veracruz, Tabasco, Campeche, Yucatán states; Quintana Roo territory

—727 Southern Pacific states

Guerrero, Oaxaca, Chiapas

—728 Central America

For Panama, see area **862**

—728 1 Guatemala

—728 2 British Honduras (Belize)

—728 3 Honduras

—728 4 El Salvador

—728 5 Nicaragua

—728 6 Costa Rica

—729 West Indies (Antilles)

Class here British West Indies

► —729 1 – 729 5 Greater Antilles

—729 1 Cuba and adjacent islands

Including Isle of Pines

—729 12 Havana

—729 2 Jamaica and adjacent islands

—729 21 Cayman Islands

► —729 3 – 729 4 Hispaniola and adjacent islands

—729 3 Dominican Republic

—729 4 Haiti

—729 5 Puerto Rico

—729 6 Bahama Islands

—729 61 Turks and Caicos Islands

► —729 1 – 729 8 Lesser Antilles (Caribbees)

—729 7 Leeward Islands

For Dominica, see area **729 841**

—[729 71] Islands southeast of Anegada Passage

Class Saint Christopher, Nevis, Anguilla, Sombrero in area **729 73**, Antigua, Barbuda in area **729 74**, Montserrat in area **729 75**, Guadeloupe and adjacent islands, Saint Martin, French West Indies in area **729 76**, Saint Eustatius, Saba in area **729 77**

—729 72 Virgin Islands

—729 722 Virgin Islands of the United States

—729 725 British Virgin Islands

—729 73 Saint Christopher, Nevis, Anguilla, Sombrero [*all formerly* area 729 71]

—729 74 Antigua and Barbuda [*both formerly* area 729 71]

—729 75 Montserrat [*formerly* area 729 71]

—729 76 French islands

Guadeloupe and adjacent islands, Saint Martin [*both formerly* area 729 71]

Class here French West Indies [*formerly* area 729 71]

For Martinique, see area 729 82; *Netherlands part of Saint Martin, area* 729 77

—729 77 Netherlands islands

Saint Eustatius, Saba [*both formerly* area 729 71], Netherlands part of Saint Martin

—729 8 Windward and other southern islands

For Nueva Esparta, Venezuela, see area 875

—729 81 Barbados

—729 82 Martinique

—729 83 Trinidad and Tobago

—729 84 British islands

For Barbados, see area 729 81; *Trinidad and Tobago, area* 729 83

—729 841 Dominica

—729 843 Saint Lucia

—729 844 Saint Vincent and Grenadines

For Carriacou, see area 729 845

—729 845 Grenada and Carriacou

—729 86 Netherlands islands

Curaçao, Aruba, Bonaire

Class here Netherlands Antilles

For Saint Eustatius, Saba, Netherlands part of Saint Martin, see area 729 77

—729 9 Bermuda

—73 **United States**

For specific states, see areas 74–79

—74–79 Specific states of United States

If alphabetic arrangement of local divisions of each state is preferred, add, to the number for the state, 09 for regions, counties, physiographic features, and 093 for cities, towns, villages, e.g., Aroostook County, Maine 741 09 A7, Penobscot River region 741 09 P4, Bangor 741 093 B3

Class Hawaii in area 969

SUMMARY

—74	Northeastern states
—741	Maine
—742	New Hampshire
—743	Vermont
—744	Massachusetts
—745	Rhode Island
—746	Connecticut
—747	New York
—748	Pennsylvania
—749	New Jersey
—75	Southeastern (South Atlantic) states
—751	Delaware
—752	Maryland
—753	District of Columbia (Washington)
—754	West Virginia
—755	Virginia
—756	North Carolina
—757	South Carolina
—758	Georgia
—759	Florida
—76	South central states
—761	Alabama
—762	Mississippi
—763	Louisiana
—764	Texas
—766	Oklahoma
—767	Arkansas
—768	Tennessee
—769	Kentucky
—77	North central states
—771	Ohio
—772	Indiana
—773	Illinois
—774	Michigan
—775	Wisconsin
—776	Minnesota
—777	Iowa
—778	Missouri

—78 Western states
—781 Kansas
—782 Nebraska
—783 South Dakota
—784 North Dakota
—786 Montana
—787 Wyoming
—788 Colorado
—789 New Mexico
—79 States of Great Baisin and Pacific Slope
—791 Arizona
—792 Utah
—793 Nevada
—794 California
—795 Oregon
—796 Idaho
—797 Washington
—798 Alaska

—74 Northeastern states

Class here Appalachian Mountains, Connecticut River

► —741–746 New England

—741 Maine
—741 1 Aroostook County
—741 2 Northwestern counties
Including Somerset County
Class here Kennebec River, Moosehead Lake
—741 25 Piscataquis County
—741 3 Penobscot County
Class here Penobscot River
—741 4 Southeastern counties
Including Washington County
—741 45 Hancock County
Class here Acadia National Park
—741 5 South central counties
Including Waldo County
—741 53 Knox County
—741 57 Lincoln County

—741 6 Kennebec County
—741 7 West central counties
Including Franklin County
Class here Rangeley Lakes
—741 75 Oxford County
—741 8 Southwest central counties
Including Androscoggin County
Class here Androscoggin River
—741 85 Sagadahoc County
—741 9 Southwestern counties
Including Cumberland County
—741 95 York County

—742 New Hampshire
—742 1 Coos County
Class here Umbagog Lake
—742 2 White Mountains
For a specific part of White Mountains, see the county in which located, e.g., Coos County area 742 1
—742 3 Grafton County
Class here Squam Lake
—742 4 Counties bordering Lake Winnipesaukee
Including Carroll County
—742 45 Belknap County
—742 5 Strafford County
—742 6 Rockingham County
—742 7 West central counties
Including Merrimack County
Class here Merrimack River
—742 75 Sullivan County
—742 8 Hillsboro County
—742 9 Cheshire County

—743 Vermont
Class here Green Mountains

—743 1 Northwestern counties
Including Grand Isle County
Class here Lake Champlain in Vermont

—743 13 Franklin County
—743 17 Chittenden County
—743 2 Northeastern counties
Including Orleans County

—743 25 Essex County
—743 3 North central counties
Including Caledonia County

—743 35 Lamoille County
Class here Lamoille River

—743 4 Washington County
—743 5 Addison County
—743 6 East central counties
Including Orange County

—743 65 Windsor County
—743 7 Rutland County
—743 8 Bennington County
—743 9 Windham County

—744 Massachusetts
—744 1 Berkshire County
Class here Hoosic River

—744 2 Connecticut River counties
Including Franklin County

—744 23 Hampshire County
—744 26 Hampden County

—744 3 Worcester County
—744 4 Middlesex County
Class here Charles River

—744 5 Essex County
—744 6 Suffolk County
—744 61 Boston
—744 7 Norfolk County
—744 8 Southeastern counties
Including Plymouth County
For counties bordering Nantucket Sound, see area **744 9**

—744 85 Bristol County
—744 9 Counties bordering Nantucket Sound
Including Barnstable County (Cape Cod)

—744 94 Dukes County
Martha's Vineyard, Elizabeth Islands

—744 97 Nantucket County (Nantucket Island)
—745 Rhode Island
—745 1 Providence County
For Providence city, see area **745 2**; *Pawtucket, area* **745 3**

—745 2 Providence city
—745 3 Pawtucket
—745 4 Kent County
—745 5 Bristol County
—745 6 Newport County
For Newport city, see area **745 7**; *Block Island, area* **745 8**

—745 7 Newport city
—745 8 Block Island
—745 9 Washington County
—746 Connecticut
—746 1 Litchfield County

—746 2 Hartford County

For Hartford city, see area **746 3**

—746 3 Hartford city

—746 4 Tolland County

—746 45 Windham County

—746 5 New London County

—746 6 Middlesex County

—746 7 New Haven County

For New Haven city, see area **746 8**

—746 8 New Haven city

—746 9 Fairfield County

► —747–749 Middle Atlantic states

—747 New York

SUMMARY

—747 1	**New York City**
—747 2	**New York metropolitan area**
—747 3	**Southeastern counties**
—747 4	**Middle eastern counties**
—747 5	**Northern counties**
—747 6	**North central counties**
—747 7	**South central counties**
—747 8	**West central counties**
—747 9	**Western counties**

—747 1 New York City

Including borough of Manhattan (Manhattan Island, New York County)

For a specific borough of New York City, see the subject, e.g., Queens area **747 24**

—747 2 New York metropolitan area

For New York City, see area **747 1**

—747 21 Long Island

For a specific county of Long Island, see the subject, e.g., Kings area **747 23**

—747 23 Borough of Brooklyn (Kings County)

—747 24 Western Long Island

Including borough of Queens (Queens County)

For Brooklyn, see area **747 23**

—747 245 Nassau County

—747 25 Suffolk County

—747 26 Staten Island (Borough of Richmond, Richmond County)

—747 27 Northern metropolitan area

For Rockland County, see area **747 28**

—747 275 Borough of the Bronx (Bronx County)

—747 277 Westchester County

—747 28 Rockland County

—747 3 Southeastern counties

Class here Hudson River

—747 31 Orange County

—747 32 Putnam County

—747 33 Dutchess County

—747 34 Ulster County

—747 35 Sullivan County

—747 36 Delaware County

—747 37 Greene County

—747 38 Catskill Mountains

For a specific part of Catskill Mountains, see the county in which located, e.g., Ulster County area **747 34**

—747 39 Columbia County

—747 4 Middle eastern counties

—747 41 Rensselaer County

—747 42 Albany County

For Albany city, see area **747 43**

—747 43 Albany city

—747 44 Schenectady County

—747 45 Schoharie County

—747 46 Montgomery County
—747 47 Fulton County
—747 48 Saratoga County
—747 49 Washington County
—747 5 Northern counties
—747 51 Warren County
—747 52 Hamilton County
—747 53 Essex County
Class here Adirondack Mountains

—747 54 Clinton County
Class here Lake Champlain

—747 55 Franklin County
—747 56 Saint Lawrence County
—747 57 Jefferson County
For Thousand Islands, see area **747 58**

—747 58 Thousand Islands
—747 59 Lewis County
—747 6 North central counties
Class here Mohawk River and Valley

—747 61 Herkimer County
—747 62 Oneida County
Class here Oneida Lake
For Utica, see area **747 63**

—747 63 Utica
—747 64 Madison County
—747 65 Onondaga County
Class here Skaneatales Lake
For Syracuse, see area **747 66**

—747 66 Syracuse
—747 67 Oswego County
—747 68 Cayuga County
Class here Cayuga Lake

—747 69 Seneca County
Class here Seneca Lake

—747 7 South central counties
—747 71 Tompkins County
—747 72 Cortland County
—747 73 Chenango County
Class here Chenango River

—747 74 Otsego County
—747 75 Broome County
For Binghamton, see area **747 76**

—747 76 Binghamton
—747 77 Tioga County
—747 78 Chemung County
For Elmira, see area **747 79**

—747 79 Elmira
—747 8 West central counties
Class here Finger Lakes
For a specific lake of the Finger Lakes, see the subject, e.g., Seneca Lake area **747 69**

—747 81 Schuyler County
—747 82 Yates County
Class here Keuka Lake

—747 83 Steuben County
—747 84 Allegany County
—747 85 Livingston County
—747 86 Ontario County
Class here Canandaigua Lake

—747 87 Wayne County
—747 88 Monroe County
Class here Genesee River
For Rochester, see area **747 89**

—747 89 Rochester

—747 9 Western counties

Class here Lake Ontario

—747 91 Orleans County

—747 92 Genesee County

—747 93 Wyoming County

—747 94 Cattaraugus County

—747 95 Chautauqua County

—747 96 Erie County

For Buffalo, see area **747 97**

—747 97 Buffalo

—747 98 Niagara County

For Niagara Falls, see area **747 99**

—747 99 Niagara Falls in New York

—748 Pennsylvania

Class here Susquehanna River

SUMMARY

—748 1	**Southeastern counties**
—748 2	**Eastern counties**
—748 3	**Northeastern counties**
—748 4	**Southeast central counties**
—748 5	**Northeast central counties**
—748 6	**Northwest central counties**
—748 7	**Southwest central counties**
—748 8	**Southwestern counties**
—748 9	**Northwestern counties**

—748 1 Southeastern counties

Class here Schuylkill River

—748 11 Philadelphia (Philadelphia County)

—748 12 Montgomery County

—748 13 Chester County

—748 14 Delaware County

—748 15 Lancaster County

—748 16 Berks County

—748 17 Schuylkill County

—748 18 Dauphin County

—748 19 Lebanon County

—748 2 Eastern counties

Class here Pocono Mountains

—748 21 Bucks County

—748 22 Northampton County

—748 23 Wayne County

Class here Lake Wallenpaupack

—748 24 Pike County

—748 25 Monroe County

Class here Delaware Water Gap

—748 26 Carbon County

—748 27 Lehigh County

—748 3 Northeastern counties

Class here East Branch of Susquehanna River

—748 31 Northumberland County

—748 32 Luzerne County

For Wilkes-Barre, see area **748 33**

—748 33 Wilkes-Barre

—748 34 Susquehanna County

—748 35 Wyoming County

—748 36 Lackawanna County

For Scranton, see area **748 37**

—748 37 Scranton

—748 38 Columbia County

—748 39 Montour County

—748 4 Southeast central counties

—748 41 York County

—748 42 Adams County

—748 43 Cumberland County

—748 44 Franklin County
Class here Tuscarora Mountains

—748 45 Perry County
Class here Juniata River

—748 46 Mifflin County
—748 47 Juniata County
—748 48 Union County
—748 49 Snyder County
—748 5 Northeast central counties
Class here West Branch of Susquehanna River

—748 51 Lycoming County
—748 53 Centre County
—748 54 Clinton County
—748 55 Potter County
—748 56 Tioga County
—748 57 Bradford County
—748 59 Sullivan County
—748 6 Northwest central counties
Class here Allegheny River

—748 61 Clearfield County
—748 62 Jefferson County
—748 63 McKean County
—748 65 Elk County
—748 66 Cameron County
—748 67 Warren County
—748 68 Forest County
—748 69 Clarion County
—748 7 Southwest central counties
Class here Allegheny Mountains

—748 71 Bedford County
—748 72 Fulton County
—748 73 Huntingdon County

—748 75 Blair County
For Altoona, see area **748 76**

—748 76 Altoona
—748 77 Cambria County
—748 79 Somerset County
—748 8 Southwestern counties
Class here Chestnut Ridge, Laurel Hill, Monongahela River

—748 81 Westmoreland County
—748 82 Washington County
—748 83 Greene County
—748 84 Fayette County
—748 85 Allegheny County
For Pittsburgh, see area **748 86**

—748 86 Pittsburgh
—748 88 Armstrong County
—748 89 Indiana County
—748 9 Northwestern counties
—748 91 Butler County
—748 92 Beaver County
—748 93 Lawrence County
—748 95 Mercer County
—748 96 Venango County
—748 97 Crawford County
—748 99 Erie County

—749 New Jersey
Class here Delaware River

SUMMARY

—749 2 Northeastern counties
—749 3 Counties of New York metropolitan area
—749 4 East central counties
—749 6 West central counties
—749 7 Northwestern counties
—749 8 South central counties
—749 9 Southern counties

—749 2 Northeastern counties

—749 21 Bergen County

Class here Hackensack River

—749 23 Passaic County

For Paterson, see area **749 24**

—749 24 Paterson

—749 26 Hudson County

For Jersey City, see area **749 27**; *Hoboken, area* **749 28**

—749 27 Jersey City

—749 28 Hoboken

—749 3 Counties of New York metropolitan area

Class here Passaic River

For a specific metropolitan county, see the subject, e.g., Hudson County area **749 26**

—749 31 Essex County

For Newark, see area **749 32**; *the Oranges, area* **749 33**

—749 32 Newark

—749 33 The Oranges

—749 36 Union County

For Elizabeth, see area **749 37**; *Rahway, area* **749 38**

—749 37 Elizabeth

—749 38 Rahway

—749 4 East central counties

—749 41 Middlesex County

For New Brunswick, see area **749 42**

—749 42 New Brunswick

—749 44 Somerset County

Class here Raritan River

—749 46 Monmouth County

—749 48 Ocean County

—749 6 West central counties

—749 61 Burlington County

Class here Mullica River

—749 65 Mercer County

For Trenton, see area **749 66**; *Princeton, area* **749 67**

—749 66 Trenton

—749 67 Princeton

—749 7 Northwestern counties

—749 71 Hunterdon County

—749 74 Morris County

Class here Lake Hopatcong

—749 76 Sussex County

Class here Kittatinny Mountains

—749 78 Warren County

—749 8 South central counties

—749 81 Gloucester County

—749 84 Atlantic County

For Atlantic City, see area **749 85**

—749 85 Atlantic City

—749 87 Camden County

For Camden city, see area **749 88**

—749 88 Camden city

—749 9 Southern counties

—749 91 Salem County

For Salem city, see area **749 92**

—749 92 Salem city

—749 94 Cumberland County

For Bridgeton, see area **749 95**

—749 95 Bridgeton

—749 98 Cape May County

—75 **Southeastern (South Atlantic) states**

Class here Southern states, Piedmont, Atlantic Coastal Plain

—751 Delaware

—751 1 New Castle County

For Wilmington, see area **751 2**

—751 2 Wilmington

—751 4 Kent County

For Dover, see area **751 5**

—751 5 Dover

—751 7 Sussex County

—752 Maryland

Class here Chesapeake Bay in Maryland, Potomac River

SUMMARY

—752 1	**Eastern Shore**
—752 2	**Southern counties of Eastern Shore**
—752 3	**Northern counties of Eastern Shore**
—752 4–752 9	**Maryland west of Chesapeake Bay**
—752 4	**Southern counties**
—752 5	**South central counties**
—752 6	**Independent city of Baltimore**
—752 7	**North central counties**
—752 8	**West central counties**
—752 9	**Western counties**

—752 1 Eastern Shore

Class here Delmarva Peninsula

For a specific county of the Eastern Shore, of the Delmarva Peninsula, see the subject, e.g., Kent County area **752 36**

—752 2 Southern counties of Eastern Shore

—752 21 Worcester County

Class here Chincoteague Bay, Assateague Island

—752 23 Somerset County

—752 25 Wicomico County

—752 27 Dorchester County

—752 3 Northern counties of Eastern Shore

—752 31 Caroline County

Class here Choptank River

—752 32 Talbot County

—752 34 Queen Annes County

Class here Chester River

—752 36 Kent County

—752 38 Cecil County

► —752 4 – 752 9 Maryland west of Chesapeake Bay

—752 4 Southern counties

—752 41 Saint Marys County

Class here Patuxent River

—752 44 Calvert County

—752 47 Charles County

—752 5 South central counties

—752 51 Prince Georges County

—752 55 Anne Arundel County

For Annapolis, see area **752 56**

—752 56 Annapolis

—752 6 Independent city of Baltimore

—752 7 North central counties

Class here Piedmont in Maryland

—752 71 Baltimore County

—752 74 Harford County

Class here Susquehanna River in Maryland

—752 77 Carroll County

—752 8 West central counties

—752 81 Howard County

—752 84 Montgomery County

—752 87 Frederick County
For Frederick city, see area **752 88**

—752 88 Frederick city

—752 9 Western counties

—752 91 Washington County
For Hagerstown, see area **752 92**

—752 92 Hagerstown

—752 94 Allegany County
For Cumberland, see area **752 95**

—752 95 Cumberland

—752 97 Garrett County

—753 District of Columbia (Washington)

—754 West Virginia

SUMMARY

—754 1 Northern Panhandle counties
—754 2 Little Kanawha Valley counties
—754 3 Kanawha Valley counties
—754 4 Southwestern border counties
—754 5 Monongahela Valley counties
—754 6 Central counties
—754 7 New River Valley counties
—754 8 Allegheny Crest counties
—754 9 Eastern Panhandle counties

—754 1 Northern Panhandle counties

—754 12 Hancock County

—754 13 Brooke County

—754 14 Ohio County
For Wheeling, see area **754 15**

—754 15 Wheeling

—754 16 Marshall County

—754 18 Wetzel County

—754 19 Tyler County

—754 2 Little Kanawha Valley counties
Class here Little Kanawha River

—754 21 Pleasants County

—754 22 Wood County
For Parkersburg, see area **754 23**

—754 23 Parkersburg

—754 24 Ritchie County

—754 26 Wirt County

—754 27 Gilmer County

—754 29 Calhoun County

—754 3 Kanawha Valley counties
Class here Kanawha River

—754 31 Jackson County

—754 33 Mason County

—754 35 Putnam County

—754 36 Roane County

—754 37 Kanawha County
For Charleston, see area **754 38**

—754 38 Charleston

—754 39 Boone County

—754 4 Southwestern border counties
Class here Guyandot, Big Sandy Rivers, Tug Fork

—754 42 Cabell County

—754 43 Lincoln County

—754 44 Logan County

—754 45 Wyoming County

—754 47 Wayne County

—754 48 Mingo County

—754 49 McDowell County

—754 5 Monongahela Valley counties
Class here Monongahela River in West Virginia

—754 52 Monongalia County
For Morgantown, see area **754 53**

—754 53 Morgantown
—754 54 Marion County
—754 55 Taylor County
—754 56 Doddridge County
—754 57 Harrison County
For Clarksburg, see area **754 58**

—754 58 Clarksburg
—754 59 Barbour County
—754 6 Central counties
Class here Elk, Gauley Rivers

—754 61 Lewis County
—754 62 Upshur County
—754 65 Webster County
—754 66 Braxton County
—754 67 Clay County
—754 69 Nicholas County
—754 7 New River Valley counties
Class here New River

—754 71 Fayette County
—754 73 Raleigh County
—754 74 Mercer County
—754 76 Summers County
—754 78 Monroe County
—754 8 Allegheny Crest counties
Class here Cheat, Greenbrier Rivers, Allegheny Mountains in West Virginia

—754 82 Preston County

—754 83 Tucker County
—754 85 Randolph County
—754 87 Pocahontas County
—754 88 Greenbrier County
For White Sulphur Springs, see area **754 89**

—754 89 White Sulphur Springs
—754 9 Eastern Panhandle counties
Class here Potomac Valley of West Virginia

—754 91 Pendleton County
—754 92 Grant County
—754 93 Hardy County
—754 94 Mineral County
—754 95 Hampshire County
—754 96 Morgan County
—754 97 Berkeley County
—754 99 Jefferson County

—755 Virginia
Class here Blue Ridge

SUMMARY

—755 1 Eastern Peninsula and Chesapeake Bay
—755 2 Northern Neck
—755 3 Rappahannock-York region
—755 4 York-James region
—755 5 Southeastern region
—755 6 South central region
—755 7 Southwestern region
—755 8 Central western region
—755 9 Northwestern region

—755 1 Eastern Peninsula and Chesapeake Bay
—755 15 Northampton County
—755 16 Accomack County
—755 18 Chesapeake Bay

—755 2 Northern Neck
Class here Rappahannock River

—755 21 Northumberland County
—755 22 Lancaster County
—755 23 Richmond County
—755 24 Westmoreland County
—755 25 King George County
—755 26 Stafford County
—755 27 Prince William County
—755 275 Fauquier County
—755 28 Loudoun County
—755 29 Washington metropolitan area of Virginia
Including Fairfax County

—755 293 Independent city of Falls Church
—755 295 Arlington County
—755 296 Independent city of Alexandria
—755 3 Rappahannock-York region
Class here York River

—755 31 Mathews County
—755 32 Gloucester County
—755 33 Middlesex County
—755 34 Essex County
—755 35 King and Queen County
—755 355 King William County
—755 36 Caroline County
—755 365 Spotsylvania County
—755 366 Independent city of Fredericksburg
—755 37 Orange County
—755 375 Greene County
—755 38 Madison County
—755 39 Culpeper County
—755 395 Rappahannock County

—755 4 York-James region
Class here James River

—755 41 Southern end of peninsula
Including independent city of Hampton, former Elizabeth City County

—[755 415] Warwick County
Class in area **755 416**

—755 416 Independent city of Newport News
Including former Warwick County [*formerly* area **755 415**]

—755 42 York County
—755 425 James City County
—755 425 2 Independent city of Williamsburg
—755 43 New Kent County
—755 44 Charles City County
—755 45 Henrico County
—755 451 Independent city of Richmond
—755 455 Goochland County
—755 46 Hanover County
—755 465 Louisa County
—755 47 Fluvanna County
—755 48 Albemarle County
—755 481 Independent city of Charlottesville
—755 49 Nelson County
—755 496 Amherst County
—755 5 Southeastern region
—755 51 Independent city of Virginia Beach
Including former Princess Anne County

—755 52 Independent city of Chesapeake
Formerly Norfolk County and independent city of South Norfolk
Class here Dismal Swamp

—755 521 Independent city of Norfolk

—755 522	Independent city of Portsmouth
—755 53	Nansemond County Including independent city of Suffolk
—755 54	Isle of Wight County
—755 55	Southampton County
—755 56	Surry County
—755 565	Sussex County
—755 57	Greensville County
—755 575	Brunswick County
—755 58	Dinwiddie County Including independent city of Hopewell
—755 581	Independent city of Petersburg
—755 585	Prince George County
—755 59	Chesterfield County Including independent city of Colonial Heights
—755 6	South central region Class here Piedmont in Virginia, Roanoke River in Virginia
—755 61	Powhatan County
—755 615	Cumberland County
—755 62	Buckingham County
—755 625	Appomattox County
—755 63	Prince Edward County
—755 634	Amelia County
—755 637	Nottoway County
—755 64	Lunenburg County
—755 645	Mecklenburg County
—755 65	Charlotte County

—755 66	Halifax County Including independent cities of South Boston, Danville
—755 665	Pittsylvania County
—755 67	Campbell County Including independent city of Lynchburg
—755 675	Bedford County
—755 68	Franklin County
—755 69	Henry County Including independent city of Martinsville
—755 695	Patrick County
—755 7	Southwestern region
—755 71	Floyd County
—755 714	Carroll County Including independent city of Galax
—755 717	Grayson County
—755 72	Smyth County
—755 725	Washington County Including independent city of Bristol
—755 73	Scott County
—755 735	Lee County
—755 74	Wise County Including independent city of Norton
—755 745	Dickenson County
—755 75	Buchanan County
—755 755	Russell County
—755 76	Tazewell County
—755 765	Bland County
—755 77	Wythe County
—755 775	Pulaski County

—755 78 Giles County
Including independent city of Radford

—755 785 Montgomery County

—755 79 Roanoke County
Including independent city of Roanoke

—755 795 Craig County

—755 8 Central western region

—755 81 Alleghany County
Including independent cities of Clifton Forge, Covington

—755 83 Botetourt County

—755 85 Rockbridge County
Including independent city of Buena Vista

—755 87 Bath County

—755 89 Highland County

—755 9 Northwestern region
Class here Shenandoah Valley, Shenandoah National Park

—755 91 Augusta County
Including independent cities of Staunton, Waynesboro

—755 92 Rockingham County
Including independent city of Harrisonburg

—755 94 Page County

—755 95 Shenandoah County

—755 97 Warren County

—755 98 Clarke County

—755 99 Frederick County
Including independent city of Winchester

—756 North Carolina

SUMMARY

—756 1 Northeast Coastal Plain counties
—756 2 Southeast Coastal Plain counties
—756 3 Southwest Coastal Plain counties
—756 4 Northwest Coastal Plain counties
—756 5 Northeast Piedmont counties
—756 6 Northwest Piedmont counties
—756 7 South Piedmont counties
—756 8 Northern Appalachian region counties
—756 9 Southern Appalachian region counties

—756 1 Northeast Coastal Plain counties
Class here Roanoke River, Albemarle Sound, Pamlico Sound, Chowan River

—756 13 Currituck County

—756 135 Camden County
Class here Dismal Swamp in North Carolina

—756 14 Pasquotank County

—756 144 Perquimans County

—756 147 Chowan County

—756 15 Gates County

—756 155 Hertford County

—756 16 Bertie County

—756 165 Washington County

—756 17 Tyrrell County

—756 175 Dare County

—756 18 Hyde County

—756 186 Beaufort County

—756 19 Craven County
Class here Neuse River

—756 194 Pamlico County

—756 197 Carteret County

—756 2 Southeast Coastal Plain counties
Class here Cape Fear River

—756 21 Jones County

—756 23 Onslow County
—756 25 Pender County
—756 27 New Hanover County
—756 29 Brunswick County
—756 3 Southwest Coastal Plain counties
—756 31 Columbus County
—756 32 Bladen County
—756 33 Robeson County
—756 335 Scotland County
—756 34 Richmond County
—756 35 Moore County
—756 355 Lee County
—756 36 Harnett County
—756 365 Hoke County
—756 37 Cumberland County
—756 375 Sampson County
—756 38 Duplin County
—756 385 Lenoir County
For Kinston, see area **756 386**

—756 386 Kinston
—756 39 Greene County
—756 395 Wayne County
For Goldsboro, see area **756 396**

—756 396 Goldsboro
—756 4 Northwest Coastal Plain counties
—756 41 Johnston County
—756 43 Wilson County
—756 44 Pitt County
—756 45 Martin County
—756 46 Edgecombe County
—756 47 Nash County
—756 48 Halifax County
—756 49 Northampton County

—756 5 Northeast Piedmont counties
—756 52 Warren County
—756 53 Vance County
—756 535 Granville County
—756 54 Franklin County
—756 55 Wake County
—756 56 Durham County
—756 565 Orange County
—756 57 Person County
—756 575 Caswell County
—756 58 Alamance County
—756 59 Chatham County

—756 6 Northwest Piedmont counties
—756 61 Randolph County
—756 62 Guilford County
—756 63 Rockingham County
—756 64 Stokes County
—756 65 Surry County
—756 66 Yadkin County
—756 67 Forsyth County
—756 68 Davidson County
Class here Yadkin River

—756 69 Davie County

—756 7 South Piedmont counties
—756 71 Rowan County
—756 72 Cabarrus County
—756 73 Stanly County
—756 74 Montgomery County
—756 75 Anson County
—756 755 Union County
—756 76 Mecklenburg County

—756 77 Gaston County
—756 775 Cleveland County
—756 78 Lincoln County
—756 785 Catawba County
—756 79 Iredell County
—756 795 Alexander County
—756 8 Northern Appalachian region counties
Class here Blue Ridge in North Carolina

—756 82 Wilkes County
—756 83 Alleghany County
—756 835 Ashe County
—756 84 Watauga County
—756 845 Caldwell County
—756 85 Burke County
—756 86 Avery County
—756 865 Mitchell County
—756 87 Yancey County
—756 875 Madison County
—756 88 Buncombe County
—756 89 McDowell County
—756 9 Southern Appalachian region counties
—756 91 Rutherford County
—756 915 Polk County
—756 92 Henderson County
—756 93 Transylvania County
—756 94 Haywood County
—756 95 Jackson County
—756 96 Swain County
Class here Great Smoky Mountains in North Carolina

—756 97 Graham County
—756 98 Macon County
—756 985 Clay County
—756 99 Cherokee County

—757 South Carolina
Class here Piedmont in South Carolina

SUMMARY

—757 2 Mountain counties
—757 3 Southwest Piedmont counties
—757 4 Northeast Piedmont counties
—757 6 Northeast counties of sand hills and upper pine belt
—757 7 Southwest counties of sand hills and upper pine belt
—757 8 Northeast counties of lower pine belt
—757 9 Southwest counties of lower pine belt

—757 2 Mountain counties
Class here Blue Ridge in South Carolina, Saluda River

—757 21 Oconee County
—757 23 Pickens County
—757 25 Anderson County
—757 27 Greenville County
—757 29 Spartanburg County
—757 3 Southwest Piedmont counties
—757 31 Laurens County
Class here Enoree River

—757 33 Greenwood County
—757 35 Abbeville County
—757 36 McCormick County
—757 37 Edgefield County
—757 38 Saluda County
—757 39 Newberry County
—757 4 Northeast Piedmont counties
—757 41 Union County
Class here Broad River

—757 42 Cherokee County
—757 43 York County
—757 45 Lancaster County
Class here Catawba River

—757 47 Chester County
—757 49 Fairfield County
—757 6 Northeast counties of sand hills and upper pine belt
Class here Pee Dee, Lynches Rivers

—757 61 Kershaw County
—757 63 Chesterfield County
—757 64 Marlboro County
—757 66 Darlington County
—757 67 Lee County
—757 69 Sumter County
Class here Wateree River

—757 7 Southwest counties of sand hills and upper pine belt
—757 71 Richland County
—757 72 Calhoun County
—757 73 Lexington County
—757 75 Aiken County
—757 76 Barnwell County
—757 77 Allendale County
—757 78 Bamberg County
—757 79 Orangeburg County
—757 8 Northeast counties of lower pine belt
Class here Santee River

—757 81 Clarendon County
Class here Lake Marion

—757 83 Williamsburg County
Class here Black River

—757 84 Florence County
—757 85 Dillon County
—757 86 Marion County
—757 87 Horry County
—757 89 Georgetown County

—757 9 Southwest counties of lower pine belt
—757 91 Charleston County
—757 915 Charleston city
—757 93 Berkeley County
—757 94 Dorchester County
—757 95 Colleton County
—757 97 Hampton County
—757 98 Jasper County
—757 99 Beaufort County
Class here Sea Islands

—758 Georgia
Class here Chattahoochee River

SUMMARY

—758 1	Northeastern counties
—758 2	North central counties
—758 3	Northwestern counties
—758 4	West central counties
—758 5	Central counties
—758 6	East central counties
—758 7	Southeastern counties
—758 8	South central counties
—758 9	Southwestern counties

—758 1 Northeastern counties
Class here Savannah River

—758 12 Rabun County
—758 125 Habersham County
—758 13 Stephens County
—758 135 Franklin County
—758 14 Banks County
—758 145 Jackson County
—758 15 Madison County
—758 155 Hart County
—758 16 Elbert County
—758 165 Lincoln County
—758 17 Wilkes County
—758 175 Oglethorpe County

—758 18 Clarke County
—758 19 Oconee County
—758 195 Barrow County
—758 2 North central counties
—758 21 Walton County
—758 215 Rockdale County
—758 22 Gwinnett County
—758 225 De Kalb County
—758 23 Fulton County
Including former Campbell County, Milton County
—758 231 Atlanta
—758 24 Douglas County
—758 245 Cobb County
—758 25 Cherokee County
—758 255 Pickens County
—758 26 Dawson County
—758 265 Forsyth County
—758 27 Hall County
—758 273 Lumpkin County
Class here Blue Ridge in Georgia
—758 277 White County
—758 28 Towns County
—758 285 Union County
—758 29 Fannin County
—758 295 Gilmer County
—758 3 Northwestern counties
—758 31 Murray County
—758 32 Whitfield County
—758 326 Catoosa County
—758 33 Walker County
—758 34 Dade County
Class here Lookout Mountain in Georgia
—758 344 Chattooga County
—758 35 Floyd County

—758 36 Gordon County
—758 365 Bartow County
—758 37 Paulding County
—758 375 Polk County
—758 38 Haralson County
—758 39 Carroll County
—758 4 West central counties
Class here Piedmont in Georgia
—758 42 Heard County
—758 423 Coweta County
—758 426 Fayette County
—758 43 Clayton County
—758 435 Henry County
—758 44 Spalding County
—758 446 Lamar County
—758 45 Pike County
—758 455 Meriwether County
—758 46 Troup County
—758 466 Harris County
—758 47 Muscogee County
—758 476 Chattahoochee County
—758 48 Marion County
—758 483 Talbot County
—758 486 Upson County
—758 49 Taylor County
—758 495 Schley County
—758 5 Central counties
Class here Ocmulgee River
—758 51 Macon County
—758 515 Houston County
—758 52 Pulaski County
—758 525 Bleckley County

—758 53 Dodge County
—758 535 Laurens County
—758 54 Wilkinson County
—758 545 Twiggs County
—758 55 Bibb County
—758 556 Peach County
—758 56 Crawford County
—758 563 Monroe County
—758 567 Jones County
—758 57 Baldwin County
—758 576 Putnam County
—758 58 Jasper County
—758 585 Butts County
—758 59 Newton County
—758 595 Morgan County
—758 6 East central counties
Class here Oconee River
—758 61 Greene County
—758 616 Taliaferro County
—758 62 Hancock County
—758 625 Warren County
—758 63 McDuffie County
—758 635 Columbia County
—758 64 Richmond County
—758 65 Burke County
—758 66 Jefferson County
Class here Ogeechee River
—758 666 Glascock County
—758 67 Washington County
—758 676 Johnson County
—758 68 Treutlen County
—758 684 Emanuel County
—758 69 Jenkins County
—758 695 Screven County

—758 7 Southeastern counties
Class here Sea Islands of Georgia
—758 72 Effingham County
—758 724 Chatham County
—758 73 Bryan County
—758 733 Liberty County
—758 737 McIntosh County
—758 74 Glynn County
—758 746 Camden County
—758 75 Charlton County
Class here Okefenokee Swamp
—758 753 Brantley County
—758 756 Wayne County
Class here Altamaha River
—758 76 Long County
—758 763 Evans County
—758 766 Bulloch County
—758 77 Candler County
—758 775 Tattnall County
—758 78 Toombs County
—758 784 Appling County
—758 787 Bacon County
—758 79 Pierce County
—758 794 Ware County
For Waycross, see area **758 795**
—758 795 Waycross
—758 8 South central counties
—758 81 Clinch County
—758 814 Echols County
—758 817 Lanier County
—758 82 Atkinson County
—758 823 Coffee County

—758 827 Jeff Davis County
—758 83 Montgomery County
—758 835 Wheeler County
—758 84 Telfair County
—758 845 Wilcox County
—758 85 Ben Hill County
—758 855 Irwin County
—758 86 Berrien County
—758 864 Lowndes County
For Valdosta, see area **758 865**

—758 865 Valdosta
—758 87 Brooks County
—758 876 Cook County
—758 88 Tift County
—758 885 Turner County
—758 89 Crisp County
—758 895 Dooly County
—758 9 Southwestern counties
Class here Flint River

—758 91 Sumter County
—758 916 Webster County
—758 92 Stewart County
—758 924 Quitman County
—758 927 Clay County
—758 93 Randolph County
—758 935 Terrell County
—758 94 Lee County
—758 945 Worth County
—758 95 Dougherty County
—758 956 Calhoun County
—758 96 Early County
—758 964 Miller County

—758 967 Baker County
—758 97 Mitchell County
—758 975 Colquitt County
—758 98 Thomas County
—758 986 Grady County
—758 99 Decatur County
—758 996 Seminole County

—759 Florida

SUMMARY

—759 1 Northeastern counties
—759 2 East central counties
—759 3 Southeastern counties
—759 4 Southwestern counties
—759 5 South central counties
—759 6 West central counties
—759 7 Northern west central counties
—759 8 North central counties
—759 9 Northwestern counties (Panhandle)

—759 1 Northeastern counties
—759 11 Nassau County
Class here Saint Marys River
—759 12 Duval County
—759 121 Jacksonville
—759 13 Baker County
—759 14 Union County
—759 15 Bradford County
—759 16 Clay County
—759 17 Putnam County
—759 18 Saint Johns County
—759 19 Flagler County
—759 2 East central counties
—759 21 Volusia County
—759 22 Lake County
—759 23 Seminole County
—759 24 Orange County
—759 25 Osceola County
—759 27 Brevard County

—759 28 Indian River County
—759 29 Saint Lucie County
—759 3 Southeastern counties
—759 31 Martin County
—759 32 Palm Beach County
—759 35 Broward County
—759 38 Dade County
—759 381 Miami and Miami Beach
—759 39 The Everglades and Lake Okeechobee

For a specific part of the Everglades or Lake Okeechobee, see the county in which located, e.g., Palm Beach County area 759 32

—759 4 Southwestern counties
—759 41 Monroe County

Class here Florida Keys

—759 44 Collier County

Class here Ten Thousand Islands, Big Cypress Swamp

—759 46 Hendry County
—759 48 Lee County
—759 49 Charlotte County
—759 5 South central counties
—759 51 Glades County
—759 53 Okeechobee County

Class here Kissimmee River

—759 55 Highlands County
—759 57 Hardee County

Class here Peace River

—759 59 De Soto County
—759 6 West central counties
—759 61 Sarasota County
—759 62 Manatee County
—759 63 Pinellas County

—759 65 Hillsborough County
—759 67 Polk County
—759 69 Pasco County
—759 7 Northern west central counties
—759 71 Hernando County
—759 72 Citrus County

Class here Withlacoochee River

—759 73 Sumter County
—759 75 Marion County
—759 77 Levy County
—759 78 Gilchrist County
—759 79 Alachua County

Class here Santa Fe River

—759 8 North central counties

Class here Suwannee River

—759 81 Dixie County
—759 816 Lafayette County
—759 82 Suwannee County
—759 83 Columbia County
—759 84 Hamilton County
—759 85 Madison County
—759 86 Taylor County
—759 87 Jefferson County
—759 88 Leon County
—759 89 Wakulla County
—759 9 Northwestern counties (Panhandle)
—759 91 Franklin County
—759 92 Liberty County

Class here Apalachicola River

—759 925 Gadsden County
—759 93 Jackson County

—759 94 Calhoun County
—759 947 Gulf County
—759 95 Bay County
—759 96 Washington County
—759 965 Holmes County
—759 97 Walton County
—759 98 Okaloosa County
—759 985 Santa Rosa County
—759 99 Escambia County

—76 South central states

Class here Old Southwest, lower Mississippi River and Valley

► —761–764 Gulf Coast states

For Florida, see area **759**

—761 Alabama

SUMMARY

—761 2 Gulf and Lower Coastal Plain counties
—761 3 Southern red hills counties
—761 4 Black Belt counties
—761 5 Piedmont region counties
—761 6 Coosa Valley region counties
—761 7 Central Plateau and Basin counties
—761 8 Central pine belt counties
—761 9 Tennessee Valley counties

—761 2 Gulf and Lower Coastal Plain counties

Class here Tombigbee River, Alabama River

—761 21 Baldwin County

Class here Perdido River

—761 22 Mobile County

Class here Mobile River

—761 23 Lime hills counties

For a specific county, see the subject, e.g., Escambia County area **761 265**

—761 24 Washington County
—761 245 Clarke County
—761 25 Monroe County
—761 26 Conecuh County
—761 265 Escambia County
—761 27 Covington County
—[761 28] Lime sink counties

Class in area **761 29**

—761 29 Lime sink counties (Wire-grass region) [*formerly also* area 761 28]

Including Geneva County

—761 295 Houston County

—761 3 Southern red hills counties

—761 31 Henry County
—761 32 Barbour County
—761 33 Dale County
—761 34 Coffee County
—761 35 Pike County
—761 36 Crenshaw County
—761 37 Butler County
—761 38 Wilcox County
—761 39 Marengo County
—761 395 Choctaw County

—761 4 Black Belt counties

—761 41 Sumter County
—761 42 Greene County
—761 43 Hale County
—761 44 Perry County
—761 45 Dallas County
—761 46 Autauga County
—761 465 Lowndes County
—761 47 Montgomery County

—761 48 Bullock County
—761 485 Russell County
—761 49 Macon County
—761 5 Piedmont counties
—761 52 Elmore County
—761 53 Tallapoosa County
Class here Tallapoosa River, Martin Lake
—761 55 Lee County
—761 56 Chambers County
—761 57 Randolph County
—761 58 Clay County
—761 59 Coosa County
—761 6 Coosa Valley region counties
Class here Lookout Mountain in Alabama, Raccoon Mountains, Coosa River
—761 61 Talladega County
—761 63 Calhoun County
—761 64 Cleburne County
—761 65 Cherokee County
—761 66 De Kalb County
—761 67 Etowah County
—761 69 Saint Clair County
—761 7 Central Plateau and Basin counties
—761 72 Blount County
—761 73 Cullman County
—761 74 Winston County
—761 76 Walker County
—761 78 Jefferson County
—761 781 Birmingham
—761 79 Shelby County
—761 8 Central pine belt counties
—761 81 Chilton County
—761 82 Bibb County

—761 84 Tuscaloosa County
—761 85 Pickens County
—761 86 Lamar County
—761 87 Fayette County
—761 89 Marion County
—761 9 Tennessee Valley counties
Class here Tennessee River in Alabama
—761 91 Franklin County
—761 915 Colbert County
—761 92 Lawrence County
—761 93 Morgan County
—761 94 Marshall County
Class here Guntersville Reservoir
—761 95 Jackson County
—761 97 Madison County
—761 98 Limestone County
Class here Wheeler Lake
—761 99 Lauderdale County
Class here Lake Wilson
—762 Mississippi

SUMMARY

—762 1 Southeastern counties
—762 2 Southwestern counties
—762 4 West central counties (Yazoo-Mississippi Delta)
—762 5 South central counties (Piney woods region)
—762 6 Central and east central counties (Plateau region)
—762 8 Northwestern counties (Northern Plateau region)
—762 9 Northeastern counties

—762 1 Southeastern counties
—762 12 Jackson County
Class here Pascagoula River
—762 13 Harrison County
—762 14 Hancock County

—762 15	Pearl River County
—762 16	Stone County
—762 165	George County
—762 17	Greene County
—762 175	Perry County
—762 18	Forrest County
—762 19	Lamar County
—762 2	Southwestern counties
—762 21	Marion County
—762 22	Walthall County
—762 23	Pike County
—762 24	Amite County
—762 25	Wilkinson County
—762 26	Adams County
—762 27	Franklin County
—762 28	Jefferson County
—762 285	Claiborne County
—762 29	Warren County
—762 4	West central counties (Yazoo-Mississippi Delta)
	Class here Big Black, Yazoo Rivers
—762 41	Issaquena County
—762 414	Sharkey County
—762 42	Washington County
—762 43	Bolivar County
—762 44	Coahoma County
—762 45	Quitman County
—762 455	Tallahatchie County
—762 46	Leflore County
—762 47	Sunflower County
—762 48	Humphreys County
—762 49	Yazoo County

—762 5	South central counties (Piney woods region)
	Class here Pearl River, Jackson Prairie
—762 51	Hinds County
—762 52	Copiah County
—762 53	Lincoln County
—762 536	Lawrence County
—762 54	Jefferson Davis County
—762 545	Covington County
—762 55	Jones County
—762 57	Wayne County
—762 575	Jasper County
—762 58	Smith County
—762 585	Simpson County
—762 59	Rankin County
—762 6	Central and east central counties (Plateau region)
	For Northern Plateau region, see area **762 8**
—762 62	Madison County
—762 625	Holmes County
—762 63	Carroll County
—762 635	Grenada County
—762 64	Montgomery County
—762 644	Attala County
—762 65	Leake County
—762 655	Scott County
—762 67	Newton County
—762 673	Clarke County
—762 676	Lauderdale County
	For Meridian, see area **762 677**
—762 677	Meridian
—762 68	Kemper County
—762 685	Neshoba County
—762 69	Winston County
—762 694	Choctaw County
—762 697	Webster County

—762 8 Northwestern counties (Northern Plateau region)
—762 81 Calhoun County
—762 82 Yalobusha County
—762 83 Lafayette County
Class here Sardis Reservoir
—762 84 Panola County
—762 85 Tate County
Class here Arkabutla Reservoir
—762 86 Tunica County
—762 87 De Soto County
—762 88 Marshall County
—762 89 Benton County
—762 9 Northeastern counties
—762 92 Tippah County
—762 925 Union County
—762 93 Pontotoc County
—762 935 Lee County
—762 94 Chickasaw County
—762 945 Clay County
—762 95 Oktibbeha County
—762 955 Noxubee County
—762 97 Lowndes County
—762 975 Monroe County
—762 98 Itawamba County
—762 985 Prentiss County
—762 99 Alcorn County
—762 995 Tishomingo County

—763 Louisiana

SUMMARY

—763 1 Eastern parishes
—763 3 Southeastern parishes (Mississippi Delta)
—763 4 South central parishes
—763 5 Southwestern parishes
—763 6 West central parishes
—763 7 East central parishes
—763 8 Northeastern parishes
—763 9 Northwestern parishes

—763 1 Eastern parishes
—763 11 Washington Parish
—763 12 Saint Tammany Parish
—763 13 Tangipahoa Parish
—763 14 Livingston Parish
—763 15 Saint Helena Parish
—763 16 East Feliciana Parish
—763 17 West Feliciana Parish
—763 18 East Baton Rouge Parish
—763 19 Ascension Parish
—763 3 Southeastern parishes (Mississippi Delta)
—763 31 Saint James Parish
—763 32 Saint John the Baptist Parish
Class here Lake Maurepas, Lake Des Allemands
—763 33 Saint Charles Parish
Class here Lake Salvador
—763 34 Lake Pontchartrain
—763 35 Orleans Parish
—763 355 New Orleans
Class Chalmette National Historical Park [*formerly* area **763 355**] in area **763 36**
—763 36 Saint Bernard Parish
Including Chalmette National Historical Park [*formerly* area **763 355**]

—763 37	Plaquemines Parish
—763 38	Jefferson Parish
—763 39	Lafourche Parish
—763 4	South central parishes
—763 41	Terrebonne Parish
—763 42	Saint Mary Parish
—763 43	Assumption Parish
—763 44	Iberville Parish
—763 45	West Baton Rouge Parish
—763 454	Pointe Coupee Parish
—763 46	Saint Landry Parish
—763 47	Lafayette Parish
—763 48	Saint Martin Parish
—763 49	Iberia Parish
	Class here Grand Lake
—763 5	Southwestern parishes
—763 51	Vermilion Parish
—763 52	Cameron Parish
	Class here Sabine Lake
—763 54	Calcasieu Parish
—763 55	Jefferson Davis Parish
—763 56	Acadia Parish
—763 57	Evangeline Parish
—763 58	Allen Parish
—763 59	Beauregard Parish
—763 6	West central parishes
	Class here Red River in Louisiana
—763 61	Vernon Parish
—763 62	Sabine Parish
—763 63	De Soto Parish
—763 64	Red River Parish
—763 65	Natchitoches Parish

—763 66	Winn Parish
—763 67	Grant Parish
—763 69	Rapides Parish
—763 7	East central parishes
	Class here Ouachita River
—763 71	Avoyelles Parish
—763 73	Concordia Parish
—763 74	Catahoula Parish
—763 75	La Salle Parish
—763 76	Caldwell Parish
—763 77	Franklin Parish
—763 79	Tensas Parish
—763 8	Northeastern parishes
—763 81	Madison Parish
—763 82	East Carroll Parish
—763 83	West Carroll Parish
—763 84	Morehouse Parish
—763 86	Richland Parish
—763 87	Ouachita Parish
—763 89	Union Parish
—763 9	Northwestern parishes
—763 91	Lincoln Parish
—763 92	Jackson Parish
—763 93	Bienville Parish
—763 94	Claiborne Parish
—763 96	Webster Parish
—763 97	Bossier Parish
—763 99	Caddo Parish
	Class here Caddo Lake

—764 Texas

SUMMARY

—764 1 Coastal Plains
—764 2 East Texas Timber Belt and Blackland Prairie
—764 3 Austin-San Antonio region
—764 4 Rio Grande Plain (Lower Rio Grande Valley)
—764 5 North central plains
—764 6 Burnet-Llano region
—764 7 Northwestern Lowland
—764 8 Great Plains
—764 9 Western Mountain and Basin region

—764 1 Coastal Plains

Class here Trinity, Brazos, Colorado, Guadalupe, San Antonio, Nueces Rivers

For East Texas Timber Belt and Blackland Prairie, see area **764 2**; *Rio Grande Plain, area* **764 4**

—764 11 Gulf Coastal Plain counties

For a specific county, see the subject, e.g., Wharton County area **764 133**

—764 113 Nueces County
—764 115 San Patricio County
—764 117 Bee County
—764 119 Refugio County
—764 12 Aransas and neighboring counties
—764 121 Calhoun County
—764 123 Goliad County
—764 125 Victoria County
—764 127 Jackson County
—764 13 Matagorda and neighboring counties
—764 133 Wharton County
—764 135 Fort Bend County
—764 137 Brazoria County
—764 139 Galveston County
—764 14 Harris and neighboring counties
—764 141 Houston city
—764 143 Chambers County

—764 145 Jefferson County
—764 147 Orange County
—764 15 Pine Woods region counties

Class here Neches River

For a specific county, see the subject, e.g., Trinity County area **764 17**

—764 153 Montgomery County
—764 155 Liberty County
—764 157 Hardin County
—764 159 Jasper County
—764 16 Newton, Tyler, and neighboring counties
—764 163 Tyler County
—764 165 Polk County
—764 167 San Jacinto County
—764 169 Walker County
—764 17 Trinity and neighboring counties
—764 173 Angelina County
—764 175 San Augustine County
—764 177 Sabine County
—764 179 Shelby County
—764 18 Nacogdoches and neighboring counties
—764 183 Cherokee County
—764 185 Rusk County
—764 187 Panola County
—764 189 Gregg County
—764 19 Harrison County and counties to north
—764 193 Marion County
—764 195 Cass County
—764 197 Bowie County
—764 2 East Texas Timber Belt and Blackland Prairie

For Austin-San Antonio region, see area **764 3**

—764 21 Red River County and counties to south
—764 213 Franklin County

—764 215 Titus County
—764 217 Morris County
—764 219 Camp County
—764 22 Upshur and neighboring counties
—764 223 Wood County
—764 225 Smith County
—764 227 Henderson County
—764 229 Anderson County
—764 23 Freestone and neighboring counties
—764 233 Leon County
—764 235 Houston County
—764 237 Madison County
—764 239 Robertson County
—764 24 Brazos and neighboring counties
—764 241 Burleson County
—764 243 Grimes County
—764 245 Washington County
—764 247 Lee County
—764 249 Waller County
—764 25 Austin County and counties to southwest
—764 251 Fayette County
—764 253 Colorado County
—764 255 Lavaca County
—764 257 Gonzales County
—764 259 De Witt County
—764 26 Blackland Prairie counties

For a specific county, see the subject, e.g., Bexar County area **764 35**

—764 263 Lamar County
—764 265 Fannin County
—764 27 Counties east of Dallas
—764 272 Hunt County
—764 273 Delta County
—764 274 Hopkins County

—764 275 Rains County
—764 276 Van Zandt County
—764 277 Kaufman County
—764 278 Rockwall County
—764 28 Dallas County and counties to south
—764 281 Ellis County
—764 282 Navarro County
—764 283 Hill County
—764 284 McLennan County
—764 285 Limestone County
—764 286 Falls County
—764 287 Bell County
—764 288 Milam County
—764 289 Williamson County
—764 3 Austin-San Antonio region

Including Travis County

For Hays County, see area **764 888**; *Comal County, area* **764 887**

—764 32 Bastrop County
—764 33 Caldwell County
—764 34 Guadalupe County
—764 35 Bexar County
—764 351 San Antonio
—764 4 Rio Grande Plain (Lower Rio Grande Valley)

Class here Rio Grande

—764 42 Medina County
—764 43 Uvalde and neighboring counties
—764 433 Kinney County
—764 435 Maverick County
—764 437 Zavala County
—764 44 Frio and neighboring counties
—764 443 Atascosa County
—764 444 Karnes County

—764 445 Wilson County
—764 447 Live Oak County
—764 45 McMullen and neighboring counties
—764 453 La Salle County
—764 455 Dimmit County
—764 46 Webb and neighboring counties
—764 463 Duval County
—764 465 Jim Wells County
—764 47 Kleberg and neighboring counties
—764 473 Kenedy County
—764 475 Brooks County
—764 48 Jim Hogg and neighboring counties
—764 483 Zapata County
—764 485 Starr County
—764 49 Hidalgo and neighboring counties
—764 493 Willacy County
—764 495 Cameron County
—764 5 North central plains

For Burnet-Llano region, see area **764 6**; *Northwestern Lowland, area* **764 7**

—764 51 Grand Prairie counties

For a specific county, see the subject, e.g., Tarrant County area **764 53**

—764 512 Mills County
—764 513 Lampasas County
—764 515 Coryell County
—764 518 Bosque County
—764 52 Somervell and neighboring counties
—764 522 Hood County
—764 524 Johnson County
—764 53 Tarrant and neighboring counties
—764 532 Wise County
—764 533 Cooke County

—764 54 Cross Timbers Belt counties

For a specific county, see the subject, e.g., Parker County area **764 553**

—764 541 Montague County
—764 542 Clay County
—764 543 Archer County
—764 544 Jack County
—764 545 Young County
—764 546 Stephens County
—764 547 Eastland County
—764 548 Brown County
—764 549 Hamilton County
—764 55 Comanche and neighboring counties
—764 551 Erath County
—764 552 Palo Pinto County
—764 553 Parker County
—764 555 Denton County
—764 556 Collin County
—764 557 Grayson County
—764 6 Burnet-Llano region
—764 62 Llano County
—764 63 Burnet County
—764 64 Blanco County
—764 65 Gillespie County
—764 66 Mason County
—764 67 McCulloch County
—764 68 San Saba County
—764 7 Northwestern Lowland
—764 71 Concho County
—764 72 Tom Green and neighboring counties
—764 723 Coke County
—764 724 Runnels County
—764 725 Coleman County

—764 726 Callahan County
—764 727 Taylor County
—764 728 Nolan County
—764 729 Mitchell County
—764 73 Scurry and neighboring counties
—764 732 Fisher County
—764 733 Jones County
—764 734 Shackelford County
—764 735 Throckmorton County
—764 736 Haskell County
—764 737 Stonewall County
—764 738 Kent County
—764 74 Dickens and neighboring counties
—764 742 King County
—764 743 Knox County
—764 744 Baylor County
—764 745 Wichita County
—764 746 Wilbarger County
—764 747 Hardeman County
—764 748 Foard County
—764 75 Cottle and neighboring counties
—764 752 Motley County
—764 753 Hall County
—764 754 Childress County
—764 8 Great Plains
—764 81 High Plains counties
Class here Llano Estacado
For a specific county, see the subject, e.g., Potter County area **764 825**
—764 812 Dallam County
—764 813 Sherman County
—764 814 Hansford County
—764 815 Ochiltree County
—764 816 Lipscomb County

—764 817 Hemphill County
—764 818 Roberts County
—764 82 Hutchinson and neighboring counties
—764 822 Moore County
—764 823 Hartley County
—764 824 Oldham County
—764 825 Potter County
—764 826 Carson County
—764 827 Gray County
—764 828 Wheeler County
—764 83 Collingsworth and neighboring counties
—764 832 Donley County
—764 833 Armstrong County
—764 834 Randall County
—764 835 Deaf Smith County
—764 836 Parmer County
—764 837 Castro County
—764 838 Swisher County
—764 839 Briscoe County
—764 84 Floyd and neighboring counties
—764 842 Hale County
—764 843 Lamb County
—764 844 Bailey County
—764 845 Cochran County
—764 846 Hockley County
—764 847 Lubbock County
—764 848 Crosby County
—764 849 Yoakum County
—764 85 Terry and neighboring counties
—764 851 Lynn County
—764 852 Garza County
—764 853 Borden County
—764 854 Dawson County
—764 855 Gaines County

—764 856 Andrews County
—764 857 Martin County
—764 858 Howard County
—764 86 Midland and neighboring counties
—764 862 Ector County
—764 863 Upton County
—764 87 Edwards Plateau counties
Class here Balcones Escarpment
Class Pecos River [*formerly* area **764 87**] in area **764 9**
For a specific county, see the subject, e.g., Edwards County, area **764 882**
—764 871 Sterling County
—764 872 Glasscock County
—764 873 Reagan County
—764 874 Irion County
—764 875 Crockett County
—764 876 Schleicher County
—764 877 Menard County
—764 878 Kimble County
—764 879 Sutton County
—764 88 Val Verde and neighboring counties
—764 882 Edwards County
—764 883 Real County
—764 884 Kerr County
—764 885 Bandera County
—764 886 Kendall County
—764 887 Comal County
—764 888 Hays County
—764 9 Western Mountain and Basin region
Class here Pecos River [*formerly* area **764 87**]
—764 91 Pecos Basin counties
—764 912 Loving County
—764 913 Winkler County

—764 914 Ward County
—764 915 Crane County
—764 92 Stockton Plateau counties
—764 922 Terrell County
—764 923 Pecos County
—764 924 Reeves County
—764 93 Big Bend counties
—764 932 Brewster County
—764 933 Presidio County
—764 934 Jeff Davis County
—764 94 Culberson County
—764 95 Hudspeth County
—764 96 El Paso County
Class here upper Rio Grande of Texas

—766 Oklahoma

SUMMARY

—766 1 Northwestern counties
—766 2 North central counties
—766 3 Central counties
—766 4 Southwestern counties
—766 5 South central counties
—766 6 Southeastern counties
—766 7 Southeast central counties
—766 8 Northeast central counties
—766 9 Northeastern counties

—766 1 Northwestern counties
Class here Canadian River
—766 13 Cimarron County
—766 135 Texas County
—766 14 Beaver County
—766 15 Harper County
—766 155 Ellis County
—766 16 Roger Mills County
—766 17 Custer County
—766 18 Dewey County
—766 19 Woodward County

—766 2 North central counties
—766 21 Woods County
—766 22 Alfalfa County
—766 23 Grant County
—766 24 Kay County
—766 25 Osage County
—766 26 Pawnee County
—766 27 Noble County
—766 28 Garfield County
—766 29 Major County
—766 3 Central counties
Class here Cimarron River
—766 31 Blaine County
—766 32 Kingfisher County
—766 33 Logan County
—766 34 Payne County
—766 35 Lincoln County
—766 36 Pottawatomie County
—766 37 Cleveland County
—766 38 Oklahoma County
—766 39 Canadian County
—766 4 Southwestern counties
—766 41 Caddo County
—766 42 Washita County
—766 43 Beckham County
—766 44 Greer County
—766 445 Harmon County
—766 45 Jackson County
—766 46 Tillman County
—766 47 Kiowa County
—766 48 Comanche County
—766 49 Cotton County

—766 5 South central counties
Class here Washita River, Arbuckle Mountains
—766 52 Jefferson County
—766 53 Stephens County
—766 54 Grady County
—766 55 McClain County
—766 56 Garvin County
—766 57 Murray County
—766 58 Carter County
—766 59 Love County
—766 6 Southeastern counties
Class here Red River, Ouachita Mountains
—766 61 Marshall County
Class here Lake Texoma
—766 62 Bryan County
—766 63 Choctaw County
—766 64 McCurtain County
—766 65 Pushmataha County
—766 66 Atoka County
—766 67 Coal County
—766 68 Johnston County
—766 69 Pontotoc County
—766 7 Southeast central counties
—766 71 Seminole County
—766 72 Hughes County
—766 73 Okfuskee County
—766 74 McIntosh County
—766 75 Pittsburg County
—766 76 Latimer County
—766 77 Haskell County
—766 79 Le Flore County

—766 8 Northeast central counties

Class here Arkansas River in Oklahoma, Ozark Plateau in Oklahoma, Boston Mountains in Oklahoma

—766 81 Sequoyah County
—766 82 Muskogee County
—766 83 Okmulgee County
—766 84 Creek County
—766 86 Tulsa County
—766 87 Wagoner County

Class here Fort Gibson Reservoir

—766 88 Cherokee County

Class here Tenkiller Ferry Reservoir

—766 89 Adair County
—766 9 Northeastern counties
—766 91 Delaware County

Class here Lake of the Cherokees

—766 93 Mayes County
—766 94 Rogers County
—766 96 Washington County
—766 97 Nowata County
—766 98 Craig County
—766 99 Ottawa County

—767 Arkansas

SUMMARY

—767 1 Northwestern counties
—767 2 North central counties
—767 3 Northwest central counties
—767 4 Southwest central counties
—767 5 Southwestern counties
—767 6 South central counties
—767 7 Central counties
—767 8 Southeastern counties
—767 9 Northeastern counties

—767 1 Northwestern counties

Class here Ozark Plateau, Boston Mountains

—767 13 Benton County
—767 14 Washington County
—767 15 Madison County
—767 16 Newton County
—767 17 Carroll County
—767 18 Boone County
—767 19 Marion County

Class here Bull Shoals Lake

—767 195 Searcy County
—767 2 North central counties

Class here Black, White Rivers

—767 21 Baxter County

Class here Norfork Lake

—767 22 Fulton County
—767 23 Sharp County
—767 24 Randolph County
—767 25 Lawrence County
—767 26 Independence County
—767 27 Izard County
—767 28 Stone County
—767 285 Cleburne County
—767 29 Van Buren County
—767 3 Northwest central counties

Class here Arkansas River

—767 31 Conway County
—767 32 Pope County
—767 33 Johnson County
—767 34 Franklin County
—767 35 Crawford County

—767 36	Sebastian County
—767 37	Logan County
	Class here Blue Mountain Reservoir
—767 38	Yell County
—767 39	Perry County
—767 4	Southwest central counties
	Class here Ouachita Mountains in Arkansas
—767 41	Garland County
—767 42	Hot Spring County
—767 43	Montgomery County
—767 44	Scott County
—767 45	Polk County
—767 47	Sevier County
—767 48	Howard County
—767 485	Pike County
—767 49	Clark County
—767 5	Southwestern counties
—767 52	Nevada County
—767 54	Hempstead County
—767 55	Little River County
—767 56	Miller County
—767 57	Lafayette County
—767 59	Columbia County
—767 6	South central counties
—767 61	Union County
—767 63	Bradley County
—767 64	Calhoun County
—767 66	Ouachita County
—767 67	Dallas County
—767 69	Cleveland County
—767 7	Central counties
—767 71	Grant County
—767 72	Saline County

—767 73	Pulaski County
—767 74	Faulkner County
—767 76	White County
—767 77	Prairie County
—767 78	Lonoke County
—767 79	Jefferson County
—767 8	Southeastern counties
	Class here Mississippi River in Arkansas
—767 82	Lincoln County
—767 825	Drew County
—767 83	Ashley County
—767 84	Chicot County
—767 85	Desha County
—767 86	Arkansas County
—767 87	Monroe County
—767 88	Phillips County
—767 89	Lee County
—767 9	Northeastern counties
	Class here Saint Francis River
—767 91	Saint Francis County
—767 92	Woodruff County
—767 93	Cross County
—767 94	Crittenden County
—767 95	Mississippi County
—767 96	Poinsett County
—767 97	Jackson County
—767 98	Craighead County
—767 99	Greene County
—767 995	Clay County

—768 Tennessee

Class here Tennessee River and Valley

SUMMARY

—768 1 Mississippi Valley counties
—768 2 West Tennessee Plain counties
—768 3 Western Tennessee River Valley counties
—768 4 Highland Rim counties
—768 5 Central Basin counties
—768 6 East Highland Rim counties
—768 7 Cumberland Plateau counties
—768 8 Southeastern counties
—768 9 Northeastern counties

—768 1 Mississippi Valley counties

Class here West Tennessee

—768 12 Lake County
—768 13 Obion County
—768 15 Dyer County
—768 16 Lauderdale County
—768 17 Tipton County
—768 19 Shelby County
—768 2 West Tennessee Plain counties
—768 21 Fayette County
—768 22 Haywood County
—768 225 Crockett County
—768 23 Gibson County
—768 24 Weakley County
—768 25 Carroll County
—768 26 Henderson County
—768 265 Chester County
—768 27 Madison County
—768 28 Hardeman County
—768 29 McNairy County
—768 3 Western Tennessee River Valley counties
—768 31 Hardin County

—768 32 Decatur County
—768 33 Benton County
—768 34 Henry County
—768 35 Stewart County
—768 36 Houston County
—768 37 Humphreys County
—768 38 Perry County
—768 39 Wayne County
—768 4 Highland Rim counties

Class here Middle Tennessee

For east Highland Rim counties, see area 768 6

—768 42 Lawrence County
—768 43 Lewis County
—768 434 Hickman County

Class here Duck River

—768 44 Dickson County
—768 45 Montgomery County
—768 46 Cheatham County
—768 464 Robertson County
—768 47 Sumner County
—768 48 Trousdale County
—768 484 Macon County
—768 49 Clay County

Class here Dale Hollow Reservoir

—768 5 Central Basin counties

Class here Cumberland River

—768 51 Jackson County
—768 52 Smith County
—768 53 De Kalb County

Class here Center Hill Reservoir

—768 535 Cannon County
—768 54 Wilson County
—768 55 Davidson County

—768 56 Williamson County
—768 57 Rutherford County
—768 58 Bedford County
—768 585 Marshall County
—768 59 Maury County
—768 6 East Highland Rim counties
—768 61 Giles County
—768 62 Lincoln County
—768 627 Moore County
—768 63 Franklin County
—768 64 Coffee County
—768 65 Warren County
—768 657 Van Buren County
—768 66 White County
—768 67 Putnam County
—768 68 Overton County
—768 687 Pickett County
—768 69 Fentress County
—768 7 Cumberland Plateau counties
—768 71 Scott County
—768 72 Campbell County
—768 73 Anderson County
Class here Clinch River
—768 74 Morgan County
—768 75 Cumberland County
—768 76 Bledsoe County
—768 77 Sequatchie County
—768 78 Grundy County
—768 79 Marion County
—768 8 Southeastern counties
Class here East Tennessee
—768 82 Hamilton County
Class here Chickamauga and Chattanooga National Park, Lookout Mountain, Lake Chickamauga

—768 83 Rhea County
—768 836 Meigs County
—768 84 Roane County
—768 85 Knox County
Class here Fort Loudoun Reservoir
—768 86 Loudon County
—768 865 McMinn County
—768 87 Bradley County
—768 875 Polk County
—768 88 Monroe County
—768 885 Blount County
—768 89 Great Smoky Mountains
Class here Great Smoky Mountains National Park
For a specific part of Great Smoky Mountains, see the county in which located, e.g., Blount County area **768 885**
—768 893 Sevier County
—768 895 Cocke County
Class here French Broad River
—768 9 Northeastern counties
Class here Holston River
—768 91 Greene County
Class here Bald Mountains
—768 92 Hamblen County
Class here Cherokee Reservoir
—768 924 Jefferson County
Class here Douglas Reservoir
—768 93 Grainger County
Class here Clinch Mountains
—768 935 Union County
Class here Norris Lake

—768 94 Claiborne County
Class here Cumberland Mountains in Tennessee, Cumberland Gap

—768 946 Hancock County
—768 95 Hawkins County
—768 96 Sullivan County
Class here Boone Reservoir

—768 97 Washington County
—768 98 Unicoi County
—768 984 Carter County
Class here Iron Mountains, Watauga Reservoir

—768 99 Johnson County
Class here Roan and Stone Mountains

—769 Kentucky
Class here Ohio River
Class Ohio Valley in area 77

SUMMARY

—769 1	Southern mountain region counties
—769 2	Northern mountain region counties
—769 3	Northern Bluegrass counties
—769 4	Southern Bluegrass counties
—769 5	The Knobs counties
—769 6	Eastern Pennyroyal counties
—769 7	Western Pennyroyal counties
—769 8	Western Basin counties
—769 9	Counties west of Tennessee River

—769 1 Southern mountain region counties
Class here Cumberland Mountains

—769 12 Bell County
Class here Pine Mountain

—769 125 Knox County
—769 13 Whitley County
—769 135 McCreary County

—769 14 Laurel County
—769 145 Clay County
—769 15 Leslie County
—769 154 Harlan County
Class here Big Black Mountains

—769 16 Letcher County
—769 165 Knott County
—769 17 Perry County
—769 176 Owsley County
—769 18 Jackson County
—769 185 Lee County
—769 19 Breathitt County
—769 2 Northern mountain region counties
Class here Big Sandy River and Tug Fork in Kentucky, Levisa River

—769 21 Wolfe County
—769 215 Magoffin County
—769 22 Floyd County
—769 23 Pike County
—769 24 Martin County
—769 245 Johnson County
—769 25 Morgan County
—769 255 Elliott County
—769 26 Lawrence County
—769 27 Boyd County
—769 28 Carter County
—769 29 Greenup County
—769 295 Lewis County
—769 3 Northern Bluegrass counties
Class here Licking, Kentucky Rivers

—769 32 Mason County
—769 325 Bracken County
—769 33 Pendleton County

—769 34	Campbell County
—769 35	Kenton County
—769 36	Boone County
—769 365	Gallatin County
—769 37	Carroll County
—769 375	Trimble County
—769 38	Oldham County
—769 385	Henry County
—769 39	Owen County
—769 395	Grant County
—769 4	Southern Bluegrass counties
—769 41	Harrison County
—769 415	Robertson County
—769 417	Nicholas County
—769 42	Bourbon County
—769 425	Scott County
—769 43	Franklin County
—769 435	Shelby County
—769 44	Jefferson County
—769 45	Bullitt County
	Class here Salt River
—769 455	Spencer County
—769 46	Anderson County
—769 465	Woodford County
—769 47	Fayette County
—769 48	Jessamine County
—769 485	Mercer County
	Including Harrington Lake
—769 49	Washington County
—769 495	Nelson County
—769 5	The Knobs counties
—769 51	Marion County
—769 52	Boyle County

—769 525	Garrard County
—769 53	Madison County
—769 54	Clark County
—769 55	Montgomery County
—769 555	Bath County
—769 56	Fleming County
—769 57	Rowan County
—769 58	Menifee County
—769 585	Powell County
—769 59	Estill County
—769 6	Eastern Pennyroyal counties
	Class here Highland Rim in Kentucky
—769 62	Rockcastle County
—769 625	Lincoln County
—769 63	Pulaski County
	Class here Lake Cumberland
—769 64	Wayne County
—769 65	Clinton County
—769 655	Russell County
—769 66	Casey County
—769 67	Taylor County
—769 675	Adair County
—769 68	Cumberland County
—769 685	Monroe County
—769 69	Metcalfe County
—769 695	Green County
—769 7	Western Pennyroyal counties
—769 71	Larue County
—769 715	Hart County
—769 72	Barren County
—769 73	Allen County
—769 735	Simpson County
—769 74	Warren County

—769 75 Edmonson County
—769 754 Mammoth Cave
—769 755 Butler County
—769 76 Logan County
—769 77 Todd County
—769 78 Christian County
—769 79 Trigg County
—769 8 Western Basin counties
Class here Green River

—769 81 Lyon County
—769 815 Caldwell County
—769 82 Hopkins County
—769 826 McLean County
—769 83 Muhlenberg County
—769 835 Ohio County
—769 84 Grayson County
—769 845 Hardin County
—769 85 Meade County
—769 854 Breckinridge County
—769 86 Hancock County
—769 864 Daviess County
For Owensboro, see area 769 865

—769 865 Owensboro
—769 87 Henderson County
—769 88 Webster County
—769 885 Union County
—769 89 Crittenden County
—769 895 Livingston County
Class here Kentucky Reservoir

—769 9 Counties west of Tennessee River
—769 91 Marshall County
—769 92 Calloway County
—769 93 Graves County

—769 95 McCracken County
—769 96 Ballard County
—769 97 Carlisle County
—769 98 Hickman County
—769 99 Fulton County

—77 **North central states**
Class here Middle West, Mississippi River and Valley, Ohio Valley, Great Lakes
Class Ohio River in area 769

—771–776 Lake states
For New York, see area 747; *Pennsylvania, area* 748

—771 Ohio

SUMMARY

—771 1 Northwestern counties
—771 2 North central counties
—771 3 Northeastern counties
—771 4 West central counties
—771 5 Central counties
—771 6 East central counties
—771 7 Southwestern counties
—771 8 South central counties
—771 9 Southeastern counties

—771 1 Northwestern counties
Class here Maumee River

—771 11 Williams County
—771 115 Fulton County
—771 12 Lucas County
For Toledo, see area 771 13

—771 13 Toledo
—771 14 Defiance County
—771 15 Henry County
—771 16 Wood County
—771 17 Paulding County
—771 18 Putnam County
—771 19 Hancock County

—771 2 North central counties
Class here Lake Erie, Sandusky River

—771 21 Ottawa County
—771 214 Sandusky County
Class here Sandusky Bay

—771 22 Erie County
—771 23 Lorain County
—771 24 Seneca County
—771 25 Huron County
—771 26 Wyandot County
—771 27 Crawford County
—771 28 Richland County
—771 29 Ashland County

—771 3 Northeastern counties
—771 31 Cuyahoga County
Class here Cuyahoga River
For Cleveland, see area 771 32

—771 32 Cleveland
—771 33 Lake County
—771 336 Geauga County
—771 34 Ashtabula County
—771 35 Medina county
—771 36 Summit County
—771 37 Portage County
Class here Berlin Reservoir

—771 38 Trumbull County
Class here Meander Reservoir

—771 39 Mahoning County
Class here Mahoning River

—771 4 West central counties
—771 41 Van Wert County
—771 415 Mercer County
Class here Lake Saint Marys

—771 42 Allen County
—771 43 Auglaize County
—771 44 Hardin County
—771 45 Shelby County
—771 46 Logan County
—771 465 Champaign County
—771 47 Darke County
—771 48 Miami County
—771 49 Clark County
—771 5 Central counties
Class here Scioto River

—771 51 Marion County
—771 516 Morrow County
—771 52 Knox County
—771 53 Union County
—771 535 Delaware County
—771 54 Licking County
—771 55 Madison County
—771 56 Franklin County
For Columbus, see area 771 57

—771 57 Columbus
—771 58 Fairfield County
—771 59 Perry County
—771 6 East central counties
—771 61 Wayne County
—771 62 Stark County
—771 63 Columbiana County
—771 64 Holmes County

—771 65 Coshocton County
—771 66 Tuscarawas County
Class here Tuscarawas River

—771 67 Carroll County
—771 68 Harrison County
—771 69 Jefferson County
—771 7 Southwestern counties
Class here Miami River

—771 71 Preble County
—771 72 Montgomery County
For Dayton, see area 771 73

—771 73 Dayton
—771 74 Greene County
—771 75 Butler County
—771 76 Warren County
—771 765 Clinton County
—771 77 Hamilton County
For Cincinnati, see area 771 78

—771 78 Cincinnati
—771 79 Clermont County
—771 796 Brown County
—771 8 South central counties
—771 81 Fayette County
—771 815 Pickaway County
—771 82 Ross County
—771 83 Hocking County
—771 837 Vinton County
—771 84 Highland County
—771 847 Pike County
—771 85 Jackson County
—771 86 Adams County
—771 87 Scioto County

—771 88 Lawrence County
—771 89 Gallia County
—771 9 Southeastern counties
—771 91 Muskingum County
Class here Muskingum River

—771 92 Guernsey County
—771 93 Belmont County
—771 94 Morgan County
—771 95 Noble County
—771 96 Monroe County
—771 97 Athens County
Class here Hocking River

—771 98 Washington County
—771 99 Meigs County

—772 Indiana

SUMMARY

—772 1 Southeastern counties
—772 2 South central counties
—772 3 Southwestern counties
—772 4 West central counties
—772 5 Central counties
—772 6 East central counties
—772 7 Northeastern counties
—772 8 North central counties
—772 9 Northwestern counties

—772 1 Southeastern counties
—772 11 Dearborn County
—772 12 Ohio County
—772 125 Switzerland County
—772 13 Jefferson County
—772 14 Ripley County
—772 15 Franklin County
—772 16 Decatur County
—772 17 Jennings County

—772 18	Scott County
—772 185	Clark County
—772 19	Floyd County
—772 2	South central counties
—772 21	Harrison County
—772 22	Washington County
—772 23	Jackson County
—772 24	Bartholomew County
—772 25	Brown County
—772 255	Monroe County
—772 26	Lawrence County
—772 27	Orange County
—772 28	Crawford County
—772 29	Perry County
—772 3	Southwestern counties
	Class here White River
—772 31	Spencer County
—772 32	Warrick County
—772 33	Vanderburgh County
—772 34	Posey County
—772 35	Gibson County
—772 36	Pike County
—772 37	Dubois County
—772 38	Martin County
—772 385	Daviess County
—772 39	Knox County
—772 4	West central counties
	Class here Wabash River
—772 41	Sullivan County
—772 42	Greene County
—772 43	Owen County
—772 44	Clay County
—772 45	Vigo County

—772 46	Vermillion County
—772 465	Parke County
—772 47	Fountain County
—772 48	Montgomery County
—772 49	Putnam County
—772 5	Central counties
—772 51	Morgan County
—772 515	Johnson County
—772 52	Marion County
—772 53	Hendricks County
—772 54	Boone County
—772 55	Clinton County
—772 555	Tipton County
—772 56	Hamilton County
—772 57	Madison County
—772 58	Hancock County
—772 59	Shelby County
—772 6	East central counties
—772 61	Rush County
—772 62	Fayette County
—772 625	Union County
—772 63	Wayne County
—772 64	Henry County
—772 65	Delaware County
—772 66	Randolph County
—772 67	Jay County
—772 68	Blackford County
—772 69	Grant County
—772 7	Northeastern counties
—772 71	Huntington County
—772 72	Wells County
—772 73	Adams County
—772 74	Allen County
—772 75	Whitley County

—772 76 Noble County
—772 77 De Kalb County
—772 78 Steuben County
—772 79 Lagrange County

—772 8 North central counties
—772 81 Elkhart County
—772 82 Kosciusko County
—772 83 Wabash County
—772 84 Miami County
—772 85 Howard County
—772 86 Cass County
—772 87 Fulton County
—772 88 Marshall County
—772 89 Saint Joseph County

—772 9 Northwestern counties
—772 91 La Porte County
—772 92 Starke County
—772 925 Pulaski County
—772 93 White County
—772 94 Carroll County
—772 95 Tippecanoe County
—772 96 Warren County
—772 97 Benton County
—772 974 Newton County
—772 977 Jasper County
—772 98 Porter County
—772 99 Lake County

—773 Illinois

SUMMARY

—773 1 Cook County
—773 2 Northeastern counties
—773 3 Northwestern counties
—773 4 West central counties
—773 5 Central counties
—773 6 East central counties
—773 7 Southeastern counties
—773 8 Southwestern counties
—773 9 Southern counties

—773 1 Cook County
—773 11 Chicago
—773 2 Northeastern counties
Class here Des Plaines River
For Cook County, see area 773 1

—773 21 Lake County
—773 22 McHenry County
—773 23 Kane County
—773 24 Du Page County
—773 25 Will County
—773 26 Kendall County
—773 265 Grundy County
—773 27 La Salle County
—773 28 De Kalb County
—773 29 Boone County
—773 3 Northwestern counties
Class here Rock River

—773 31 Winnebago County
—773 32 Ogle County
—773 33 Stephenson County
—773 34 Jo Daviess County
—773 345 Carroll County
—773 35 Whiteside County
—773 36 Lee County

—773 37	Bureau County
—773 375	Putnam County
—773 38	Henry County
—773 39	Rock Island County
—773 395	Mercer County
—773 4	West central counties
—773 41	Henderson County
—773 415	Warren County
—773 42	McDonough County
—773 43	Hancock County
—773 44	Adams County
—773 45	Pike County
—773 455	Scott County
—773 46	Morgan County
—773 465	Cass County
—773 47	Brown County
—773 475	Schuyler County
—773 48	Fulton County
—773 49	Knox County
—773 5	Central counties
	Class here Illinois River
—773 51	Stark County
—773 515	Marshall County
—773 52	Peoria County
—773 53	Woodford County
—773 54	Tazewell County
—773 55	Mason County
	Class here Sangamon River
—773 555	Menard County
—773 56	Sangamon County
—773 57	Logan County
—773 58	Macon County
—773 585	De Witt County
—773 59	McLean County

—773 6	East central counties
—773 61	Livingston County
—773 62	Ford County
—773 63	Kankakee County
—773 64	Iroquois County
—773 65	Vermilion County
—773 66	Champaign County
—773 67	Piatt County
—773 675	Moultrie County
—773 68	Douglas County
—773 69	Edgar County
—773 7	Southeastern counties
—773 71	Clark County
—773 72	Coles County
—773 73	Cumberland County
—773 74	Jasper County
—773 75	Crawford County
—773 76	Lawrence County
—773 77	Richland County
—773 78	Wabash County
—773 79	Counties south of Decatur
—773 791	Edwards County
—773 792	Wayne County
—773 793	Jefferson County
—773 794	Marion County
—773 795	Clay County
—773 796	Effingham County
—773 797	Fayette County
—773 798	Shelby County
—773 8	Southwestern counties
—773 81	Christian County
—773 82	Montgomery County
—773 83	Macoupin County
—773 84	Greene County

—773 85 Calhoun County
—773 855 Jersey County
—773 86 Madison County
—773 87 Bond County
—773 875 Clinton County
—773 88 Washington County
—773 89 Saint Clair County
—773 9 Southern counties
—773 91 Monroe County
—773 92 Randolph County
—773 93 Perry County
—773 94 Franklin County
—773 95 Hamilton County
—773 96 White County
—773 97 Gallatin County
—773 98 Hardin County
—773 99 Southernmost counties
—773 991 Pope County
—773 992 Saline County
—773 993 Williamson County
—773 994 Jackson County
—773 995 Union County
—773 996 Johnson County
—773 997 Massac County
—773 998 Pulaski County
—773 999 Alexander County

—774 Michigan

Class here Lakes Huron, Michigan

SUMMARY

—774 1 Southwestern counties
—774 2 South central counties
—774 3 Southeastern counties
—774 4 Southeast central counties
—774 5 Southwest central counties
—774 6 Northwest central counties
—774 7 Northeast central counties
—774 8 Northern counties
—774 9 Upper Peninsula

► —774 1 – 774 8 Lower Peninsula

—774 1 Southwestern counties

Class here Kalamazoo River

—774 11 Berrien County
—774 12 Cass County
—774 13 Van Buren County
—774 14 Allegan County
—774 15 Ottawa County
—774 16 Barry County
—774 17 Kalamazoo County

For Kalamazoo city, see area **774 18**

—774 18 Kalamazoo city
—774 19 Saint Joseph County
—774 2 South central counties
—774 21 Branch County
—774 22 Calhoun County
—774 23 Eaton County
—774 24 Clinton County
—774 25 Shiawassee County
—774 26 Ingham County

For Lansing, see area **774 27**

—774 27 Lansing
—774 28 Jackson County
—774 29 Hillsdale County
—774 3 Southeastern counties

Class here Lake Saint Clair

—774 31 Lenawee County
—774 32 Monroe County
—774 33 Wayne County

Class here Detroit River

For Detroit, see area **774 34**

—774 34 Detroit

—774 35 Washtenaw County
—774 36 Livingston County
—774 37 Genesee County
Class here Flint River

—774 38 Macomb County
—774 39 Oakland County

—774 4 Southeast central counties
Class here Saginaw Bay

—774 41 Saint Clair County
Class here Saint Clair River

—774 42 Lapeer County
—774 43 Sanilac County
—774 44 Huron County
—774 45 Tuscola County
—774 46 Saginaw County
—774 47 Bay County
Class here Saginaw River

—774 48 Midland County
—774 49 Gratiot County

—774 5 Southwest central counties
Class here Muskegon River

—774 51 Isabella County
—774 52 Mecosta County
—774 53 Montcalm County
—774 54 Ionia County
—774 55 Kent County
For Grand Rapids, see area 774 56

—774 56 Grand Rapids
—774 57 Muskegon County
—774 58 Newaygo County
—774 59 Oceana County

—774 6 Northwest central counties
Class here Manistee River

—774 61 Mason County
Class here Pere Marquette River

—774 62 Manistee County
—774 63 Benzie County
—774 635 Leelanau County
—774 64 Grand Traverse County
Class here Grand Traverse Bay

—774 65 Kalkaska County
—774 66 Missaukee County
—774 67 Wexford County
—774 68 Lake County
—774 69 Osceola County

—774 7 Northeast central counties
Class here Au Sable River

—774 71 Clare County
—774 72 Gladwin County
—774 73 Arenac County
—774 74 Iosco County
—774 75 Ogemaw County
—774 76 Roscommon County
—774 77 Crawford County
—774 78 Oscoda County
—774 79 Alcona County

—774 8 Northern counties
Class here Straits of Mackinac

—774 81 Alpena County
—774 82 Presque Isle County
—774 83 Montmorency County
—774 84 Otsego County
—774 85 Antrim County
—774 86 Charlevoix County
—774 87 Cheboygan County
—774 88 Emmet County

—774 9 Upper Peninsula
Class here Lake Superior

—774 91 Chippewa County
Class here Whitefish Bay, Saint Marys River

—774 92 Mackinac County
—774 925 Luce County
—774 93 Alger County
—774 935 Schoolcraft County
—774 94 Delta County
—774 95 Menominee County
Class here Menominee River

—774 955 Dickinson County
—774 96 Marquette County
—774 97 Baraga County
—774 975 Iron County
—774 98 Gogebic County
—774 985 Ontonagon County
—774 99 Houghton County
—774 995 Keweenaw County
For Isle Royale, see area **774 997**

—774 997 Isle Royale

—775 Wisconsin
Class here Wisconsin River

SUMMARY

—775 1	Northwestern counties
—775 2	North central counties
—775 3	Northeastern counties
—775 4	West central counties
—775 5	Central counties
—775 6	East central counties
—775 7	Southwestern counties
—775 8	South central counties
—775 9	Southeastern counties

—775 1 Northwestern counties
Class here Saint Croix River

—775 11 Douglas County
For Superior, see area **775 12**

—775 12 Superior
—775 13 Bayfield County
—775 14 Burnett County
—775 15 Washburn County
—775 16 Sawyer County
—775 17 Polk County
—775 18 Barron County
—775 19 Rusk County

—775 2 North central counties
—775 21 Ashland County
—775 22 Iron County
—775 23 Vilas County
—775 24 Price County
—775 25 Oneida County
—775 26 Taylor County
—775 27 Lincoln County
—775 28 Clark County
—775 29 Marathon County

—775 3 Northeastern counties
Class here Green Bay

—775 31 Forest County
—775 32 Florence County
—775 33 Marinette County
For Marinette city, see area **775 34**

—775 34 Marinette city
—775 35 Langlade County
—775 36 Shawano County
—775 37 Oconto County
—775 38 Waupaca County
—775 39 Outagamie County
—775 4 West central counties
Class here Chippewa River

—775 41 Saint Croix County
—775 42 Pierce County
—775 43 Dunn County
—775 44 Chippewa County
—775 45 Eau Claire County
For Eau Claire city, see area **775 46**

—775 46 Eau Claire city
—775 47 Pepin County
—775 48 Buffalo County
—775 49 Trempealeau County
—775 5 Central counties
—775 51 Jackson County
—775 52 Wood County
—775 53 Portage County
—775 54 Monroe County
—775 55 Juneau County
—775 56 Adams County

—775 57 Waushara County
—775 58 Marquette County
—775 59 Green Lake County
—775 6 East central counties
Class here Fox River

—775 61 Brown County
—775 62 Kewaunee County
—775 63 Door County
—775 64 Winnebago County
Class here Lake Winnebago
For Oshkosh, see area **775 65**

—775 65 Oshkosh
—775 66 Calumet County
—775 67 Manitowoc County
—775 68 Fond du Lac County
—775 69 Sheboygan County
—775 7 Southwestern counties
—775 71 La Crosse County
For La Crosse city, see area **775 72**

—775 72 La Crosse city
—775 73 Vernon County
—775 74 Crawford County
—775 75 Richland County
—775 76 Sauk County
—775 77 Grant County
—775 78 Iowa County
—775 79 Lafayette County
—775 8 South central counties
—775 81 Columbia County
—775 82 Dodge County
—775 83 Dane County
For Madison, see area **775 84**

—775 84 Madison
—775 85 Jefferson County
—775 86 Green County
—775 87 Rock County
For Beloit, see area **775 88**

—775 88 Beloit
—775 89 Walworth County

—775 9 Southeastern counties
—775 91 Washington County
—775 92 Ozaukee County

—775 93 Waukesha County
—775 94 Milwaukee County
For Milwaukee city, see area **775 95**

—775 95 Milwaukee city
—775 96 Racine County
For Racine city, see area **775 97**

—775 97 Racine city
—775 98 Kenosha County
For Kenosha city, see area **775 99**

—775 99 Kenosha city

—776 Minnesota

SUMMARY

—776 1 Southeastern counties
—776 2 Southwestern counties
—776 3 Southwest central counties
—776 4 West central counties
—776 5 Southeast central counties
—776 6 East central counties
—776 7 Northeastern counties
—776 8 North central counties
—776 9 Northwestern counties

—776 1 Southeastern counties
—776 11 Houston County
—776 12 Winona County
—776 13 Wabasha County
Class here Lake Pepin

—776 14 Goodhue County
—776 15 Dodge County
—776 155 Olmsted County
—776 16 Fillmore County
—776 17 Mower County
—776 18 Freeborn County
—776 19 Steele County
—776 195 Waseca County

—776 2 Southwestern counties
—776 21 Blue Earth County
—776 22 Faribault County
—776 23 Martin County
—776 235 Jackson County
—776 24 Nobles County
—776 25 Rock County
—776 26 Pipestone County
—776 27 Murray County
—776 28 Cottonwood County
—776 29 Watonwan County

—776 3 Southwest central counties
Class here Minnesota River

—776 31 Brown County
—776 32 Nicollet County
—776 33 Sibley County
—776 34 Renville County
—776 35 Redwood County

—776 36 Lyon County
—776 365 Lincoln County
—776 37 Yellow Medicine County
—776 38 Lac Qui Parle County
—776 39 Chippewa County

—776 4 West central counties
—776 41 Swift County
—776 42 Stevens County
—776 43 Big Stone County
—776 435 Traverse County
—776 44 Grant County
—776 45 Douglas County
—776 46 Pope County
—776 47 Stearns County
—776 48 Kandiyohi County
—776 49 Meeker County

—776 5 Southeast central counties
—776 51 Wright County
—776 52 McLeod County
—776 53 Carver County
—776 54 Scott County
—776 55 Le Sueur County
—776 555 Rice County
—776 56 Dakota County
—776 57 Hennepin County
—776 579 Minneapolis
Class here Twin Cities
For Saint Paul, see area 776 581

—776 58 Ramsey County
—776 581 Saint Paul
—776 59 Washington County

—776 6 East central counties
—776 61 Chisago County
—776 62 Pine County
—776 63 Kanabec County
—776 64 Isanti County
—776 65 Anoka County
—776 66 Sherburne County
—776 67 Benton County
—776 68 Mille Lacs County
Class here Mille Lacs Lake

—776 69 Morrison County

—776 7 Northeastern counties
—776 71 Crow Wing County
—776 72 Aitkin County
—776 73 Carlton County
—776 75 Cook County
—776 76 Lake County
—776 77 Saint Louis County
Class here Mesabi Range, La Croix Lake

—776 771 Duluth
Class here comprehensive works on Duluth and Superior, Wisconsin
For Superior, see area 775 12

—776 78 Itasca County
Class here Winnibigoshish Lake

—776 79 Koochiching County
Class here Rainy River and Lake

—776 8 North central counties
—776 81 Lake of the Woods County
Class here Lake of the Woods

—776 82 Beltrami County

—776 83 Clearwater County
—776 84 Becker County
—776 85 Hubbard County
—776 86 Cass County
—776 87 Wadena County
—776 88 Todd County
—776 89 Otter Tail County
—776 9 Northwestern counties
Class here Red River of the North in Minnesota
—776 91 Wilkin County
—776 92 Clay County
—776 93 Norman County
—776 94 Mahnomen County
—776 95 Polk County
—776 96 Red Lake County
—776 965 Pennington County
—776 97 Marshall County
—776 98 Roseau County
—776 99 Kittson County

—777 Iowa
Class here Des Moines River

SUMMARY

—777 1 Northwestern counties
—777 2 North central counties
—777 3 Northeastern counties
—777 4 West central counties
—777 5 Central counties
—777 6 East central counties
—777 7 Southwestern counties
—777 8 South central counties
—777 9 Southeastern counties

—777 1 Northwestern counties
Class here Big Sioux River in Iowa, Little Sioux River
—777 11 Lyon County
—777 116 Osceola County

—777 12 Dickinson County
—777 125 Emmet County
—777 13 Sioux County
—777 14 O'Brien County
—777 15 Clay County
—777 155 Palo Alto County
—777 16 Plymouth County
—777 17 Cherokee County
—777 18 Buena Vista County
—777 19 Pocahontas County
—777 2 North central counties
—777 21 Kossuth County
—777 22 Winnebago County
—777 23 Worth County
—777 234 Mitchell County
—777 24 Hancock County
—777 25 Cerro Gordo County
—777 26 Floyd County
—777 27 Humboldt County
—777 274 Wright County
—777 28 Franklin County
—777 29 Butler County
—777 3 Northeastern counties
—777 31 Howard County
—777 315 Chickasaw County
—777 32 Winneshiek County
—777 33 Allamakee County
—777 34 Bremer County
—777 35 Fayette County
—776 36 Clayton County
—777 37 Black Hawk County
—777 38 Buchanan County
—777 385 Delaware County
—777 39 Dubuque County

—777 4 West central counties
Class here Boyer, Raccoon Rivers

—777 41 Woodbury County
—777 42 Ida County
—777 424 Sac County
—777 43 Calhoun County
—777 44 Monona County
—777 45 Crawford County
—777 46 Carroll County
—777 466 Greene County
—777 47 Harrison County
—777 48 Shelby County
—777 486 Audubon County
—777 49 Guthrie County
—777 5 Central counties
—777 51 Webster County
—777 52 Hamilton County
—777 53 Hardin County
—777 537 Grundy County
—777 54 Boone County
—777 546 Story County
—777 55 Marshall County
—777 56 Tama County
—777 57 Dallas County

—777 58 Polk County
—777 59 Jasper County
—777 596 Poweshiek County
—777 6 East central counties
Class here Wapsipinicon, Cedar, Iowa Rivers

—777 61 Benton County
—777 62 Linn County
—777 63 Jones County

—777 64 Jackson County
—777 65 Iowa County
—777 655 Johnson County
—777 66 Cedar County
—777 67 Clinton County
—777 68 Muscatine County
—777 69 Scott County
Class here Davenport-Rock Island-Moline tri-city area
For Rock Island County, Illinois, see area 773 39

—777 7 Southwestern counties
Class here Nishnabotna River

—777 71 Pottawattamie County
—777 72 Cass County
—777 73 Adair County
—777 74 Mills County
—777 75 Montgomery County
—777 76 Adams County
—777 77 Fremont County
—777 78 Page County
—777 79 Taylor County
—777 8 South central counties
—777 81 Madison County
—777 82 Warren County
—777 83 Marion County
—777 84 Mahaska County
—777 85 Union County
—777 856 Clarke County
—777 86 Lucas County
—777 865 Monroe County
—777 87 Ringgold County
—777 875 Decatur County
—777 88 Wayne County
—777 89 Appanoose County

—777 9 Southeastern counties

Class here Skunk River

—777 91 Keokuk County
—777 92 Washington County
—777 926 Louisa County
—777 93 Wapello County
—777 94 Jefferson County
—777 95 Henry County
—777 96 Des Moines County
—777 97 Davis County
—777 98 Van Buren County
—777 99 Lee County

—778 Missouri

Class here Missouri River in Missouri

SUMMARY

—778 1 Northwestern counties
—778 2 North central counties
—778 3 Northeastern counties
—778 4 West central counties
—778 5 Central counties
—778 6 East central counties
—778 7 Southwestern counties
—778 8 South central counties
—778 9 Southeastern counties

—778 1 Northwestern counties

—778 11 Atchison County
—778 115 Holt County
—778 12 Nodaway County
—778 126 Andrew County
—778 13 Buchanan County
—778 135 Platte County
—778 14 Worth County
—778 145 Gentry County
—778 15 De Kalb County
—778 155 Clinton County

—778 16 Clay County
—778 17 Harrison County
—778 18 Daviess County
—778 185 Caldwell County
—778 19 Ray County

—778 2 North central counties

Class here Chariton River

—778 21 Mercer County
—778 215 Grundy County
—778 22 Livingston County
—778 225 Carroll County
—778 23 Putnam County
—778 235 Sullivan County
—778 24 Linn County
—778 25 Chariton County
—778 26 Schuyler County
—778 264 Adair County
—778 27 Macon County
—778 28 Randolph County
—778 285 Howard County
—778 29 Boone County

—778 3 Northeastern counties

—778 31 Scotland County
—778 315 Knox County
—778 32 Shelby County
—778 325 Monroe County
—778 33 Audrain County
—778 335 Callaway County
—778 34 Clark County
—778 345 Lewis County
—778 35 Marion County
—778 355 Ralls County
—778 36 Pike County

—778 37	Lincoln County
—778 38	Montgomery County
—778 386	Warren County
—778 39	Saint Charles County
—778 4	West central counties
—778 41	Jackson County
—778 411	Kansas City
—778 42	Cass County
—778 43	Bates County
—778 44	Vernon County
—778 45	Lafayette County
—778 455	Johnson County
—778 46	Henry County
—778 466	Saint Clair County
—778 47	Saline County
—778 48	Pettis County
—778 49	Benton County
	Class here Lake of the Ozarks
—778 496	Hickory County
—778 5	Central counties
—778 51	Cooper County
—778 52	Moniteau County
—778 53	Morgan County
—778 54	Camden County
—778 55	Cole County
—778 56	Miller County
—778 57	Pulaski County
—778 58	Osage County
—778 59	Maries County
—778 594	Phelps County
—778 6	East central counties
—778 61	Gasconade County
—778 62	Crawford County

—778 63	Franklin County
—778 64	Washington County
—778 65	Saint Louis County
—778 66	Independent city of Saint Louis
—778 67	Jefferson County
—778 68	Saint Francois County
—778 69	Sainte Genevieve County
—778 694	Perry County
—778 7	Southwestern counties
—778 71	Barton County
—778 72	Jasper County
—778 73	Newton County
—778 736	McDonald County
—778 74	Cedar County
—778 745	Dade County
—778 75	Lawrence County
—778 76	Barry County
—778 77	Polk County
—778 78	Greene County
—778 79	Christian County
—778 794	Stone County
—778 797	Taney County
—778 8	South central counties
—778 81	Dallas County
—778 815	Laclede County
—778 82	Webster County
—778 825	Wright County
—778 83	Douglas County
—778 835	Ozark County
—778 84	Texas County
—778 85	Howell County
—778 86	Dent County

—778 87 Shannon County
—778 875 Oregon County
—778 88 Iron County
—778 885 Reynolds County
—778 89 Carter County
—778 894 Ripley County
—778 9 Southeastern counties
—778 91 Madison County
—778 92 Wayne County
—778 93 Butler County
—778 94 Bollinger County
—778 95 Stoddard County
—778 96 Cape Girardeau County
—778 97 Scott County
—778 98 Mississippi County
—778 985 New Madrid County
—778 99 Dunklin County
—778 996 Pemiscot County

—78 Western states

Class here the West, Missouri River, Rocky Mountains

For states of Great Basin and Pacific Slope, see area 79

—781 Kansas

Class here Kansas (Kaw) River

SUMMARY

—781 1	**Northwestern counties**
—781 2	**North central counties**
—781 3	**Northeastern counties**
—781 4	**West central counties**
—781 5	**Central counties**
—781 6	**East central counties**
—781 7	**Southwestern counties**
—781 8	**South central counties**
—781 9	**Southeastern counties**

—781 1 Northwestern counties
—781 11 Cheyenne County
—781 115 Sherman County

—781 12 Wallace County
—781 125 Rawlins County
—781 13 Thomas County
—781 135 Logan County
—781 14 Decatur County
—781 145 Sheridan County
—781 15 Gove County
—781 155 Norton County
—781 16 Graham County
—781 165 Trego County
—781 17 Phillips County
—781 18 Rooks County
—781 19 Ellis County
—781 2 North central counties

Class here Solomon, Republican, Big Blue Rivers

—781 21 Smith County
—781 215 Osborne County
—781 22 Jewell County
—781 23 Mitchell County
—781 24 Republic County
—781 25 Cloud County
—781 26 Ottawa County
—781 27 Washington County
—781 275 Clay County
—781 28 Riley County
—781 29 Geary County
—781 3 Northeastern counties
—781 31 Marshall County
—781 32 Pottawatomie County
—781 33 Nemaha County
—781 335 Jackson County
—781 34 Brown County
—781 35 Doniphan County

—781 36	Atchison County
—781 37	Jefferson County
—781 38	Leavenworth County
—781 39	Wyandotte County
—781 4	West central counties
	Class here Arkansas River in Kansas
—781 41	Greeley County
—781 415	Hamilton County
—781 42	Wichita County
—781 425	Kearny County
—781 43	Scott County
—781 44	Finney County
—781 45	Lane County
—781 46	Ness County
—781 47	Hodgeman County
—781 48	Rush County
—781 49	Pawnee County
—781 5	Central counties
—781 51	Russell County
—781 52	Barton County
—781 53	Lincoln County
—781 535	Ellsworth County
—781 54	Rice County
—781 545	Saline County
—781 55	McPherson County
—781 56	Dickinson County
—781 57	Marion County
—781 58	Morris County
—781 59	Chase County
—781 6	East central counties
—781 61	Wabaunsee County
—781 62	Lyon County
—781 63	Shawnee County

—781 64	Osage County
—781 645	Coffey County
—781 65	Douglas County
—781 66	Franklin County
—781 67	Anderson County
—781 675	Johnson County
—781 68	Miami County
—781 69	Linn County
—781 7	Southwestern counties
—781 71	Stanton County
—781 715	Morton County
—781 72	Grant County
—781 725	Stevens County
—781 73	Haskell County
—781 735	Seward County
—781 74	Gray County
—781 75	Meade County
—781 76	Ford County
—781 77	Clark County
—781 78	Edwards County
—781 785	Kiowa County
—781 79	Comanche County
—781 8	South central counties
—781 81	Stafford County
—781 815	Pratt County
—781 82	Barber County
—781 83	Reno County
—781 84	Kingman County
—781 845	Harper County
—781 85	Harvey County
—781 86	Sedgwick County
—781 87	Sumner County
—781 88	Butler County
—781 89	Cowley County

—781 9 Southeastern counties
—781 91 Greenwood County
—781 915 Elk County
—781 918 Chautauqua County
—781 92 Woodson County
—781 925 Wilson County
—781 93 Montgomery County
—781 94 Allen County
—781 95 Neosho County
—781 96 Labette County
—781 97 Bourbon County
—781 98 Crawford County
—781 99 Cherokee County

—782 Nebraska

Class here Platte River

SUMMARY

—782 2 Missouri River lowland counties
—782 3 South central counties
—782 4 Central counties
—782 5 Northeast central counties
—782 7 North central counties
—782 8 Southwestern counties
—782 9 Northwestern counties (Panhandle)

—782 2 Missouri River lowland counties
—782 22 Dixon County
—782 224 Dakota County
—782 227 Thurston County
—782 23 Cuming County
—782 235 Dodge County
—782 24 Burt County
—782 245 Washington County
—782 25 Douglas County
—782 256 Sarpy County
—782 27 Cass County
—782 273 Otoe County

—782 276 Johnson County
—782 278 Nemaha County
—782 28 Richardson County
—782 284 Pawnee County
—782 286 Gage County

For Beatrice, see area **782 287**

—782 287 Beatrice
—782 29 Lancaster County
—782 296 Saunders County

—782 3 South central counties

Class here Republican River in Nebraska

—782 32 Butler County
—782 324 Seward County
—782 327 Saline County
—782 33 Jefferson County
—782 335 Thayer County
—782 34 Fillmore County
—782 345 York County
—782 35 Polk County
—782 354 Hamilton County
—782 357 Clay County
—782 37 Nuckolls County
—782 374 Webster County
—782 377 Franklin County
—782 38 Harlan County
—782 384 Furnas County
—782 387 Gosper County
—782 39 Phelps County
—782 394 Kearney County
—782 397 Adams County

For Hastings, see area **782 398**

—782 398 Hastings

—782 4 Central counties
Class here Loup River

—782 41 Hall County
—782 42 Merrick County
—782 425 Nance County
—782 43 Howard County
—782 44 Sherman County
—782 45 Buffalo County
—782 46 Dawson County
—782 47 Custer County
—782 48 Valley County
—782 49 Greeley County
—782 5 Northeast central counties
Class here Elkhorn River

—782 51 Boone County
—782 52 Platte County
—782 53 Colfax County
—782 535 Stanton County
—782 54 Madison County
—782 55 Antelope County
—782 56 Pierce County
—782 57 Wayne County
—782 58 Cedar County
—782 59 Knox County
—782 7 North central counties
Class here Niobrara River

—782 72 Boyd County
—782 725 Keya Paha County
—782 73 Cherry County
—782 736 Brown County
—782 74 Rock County
—782 745 Holt County

—782 76 Wheeler County
—782 764 Garfield County
—782 767 Loup County
—782 77 Blaine County
—782 774 Thomas County
—782 777 Hooker County
—782 78 Grant County
—782 785 Arthur County
—782 79 McPherson County
—782 795 Logan County
—782 8 Southwestern counties
—782 82 Lincoln County
—782 83 Hayes County
—782 835 Frontier County
—782 84 Redwillow County
—782 845 Hitchcock County
—782 86 Dundy County
—782 87 Chase County
—782 88 Perkins County
—782 89 Keith County
Class here McConaughy Lake

—782 9 Northwestern counties (Panhandle)
—782 91 Deuel County
—782 915 Garden County
—782 92 Sheridan County
—782 93 Dawes County
—782 94 Box Butte County
—782 95 Morrill County
—782 96 Cheyenne County
—782 97 Kimball County
—782 975 Banner County
—782 98 Scotts Bluff County
—782 99 Sioux County

—783 South Dakota

SUMMARY

—783 1	**Northeastern counties**
—783 2	**East central counties**
—783 3	**Southeastern counties**
—783 4	**Northwestern counties**
—783 5	**Central counties**
—783 6	**South central counties**
—783 9	**Black Hills region counties**

—783 1 Northeastern counties

—783 12 Roberts County

—783 13 Marshall County

—783 14 Day County

—783 144 Brown County

—783 15 Edmunds County

—783 16 McPherson County

—783 17 Campbell County

—783 18 Walworth County

—783 19 Potter County

—783 2 East central counties

Including Faulk County

—783 21 Spink County

—783 22 Clark County

—783 23 Codington County

—783 24 Grant County

—783 25 Deuel County

—783 26 Hamlin County

—783 27 Brookings County

—783 273 Kingsbury County

—783 274 Beadle County

—783 28 Hand County

—783 283 Hyde County

—783 284 Sully County

—783 29 Hughes County

—783 3 Southeastern counties

Class here James, Big Sioux Rivers, Missouri River in South Dakota

—783 31 Buffalo County

—783 32 Jerauld County

—783 33 Sanborn County

—783 34 Miner County

—783 35 Lake County

—783 36 Moody County

—783 37 Minnehaha County

—783 372 McCook County

—783 373 Hanson County

—783 374 Davison County

—783 375 Aurora County

—783 38 Brule County

—783 382 Charles Mix County

—783 383 Douglas County

—783 384 Hutchinson County

—783 385 Turner County

—783 39 Lincoln County

—783 392 Union County

—783 393 Clay County

—783 394 Yankton County

—783 395 Bon Homme County

—783 4 Northwestern counties

Class Grand, Moreau, Cheyenne Rivers [*all formerly* area 783 4] in area 783 5

—783 42 Harding County

—783 43 Butte County

—783 44 Meade County

—783 45 Perkins County

—783 5 Central counties

Including Corson County

Class here Grand, Moreau, Cheyenne Rivers [*all formerly* area **783 4**]

—783 53 Ziebach County

—783 54 Dewey County

—783 55 Stanley County

—783 56 Haakon County

—783 57 Jackson County

—783 577 Jones County

—783 58 Lyman County

—783 59 Gregory County

—783 6 South central counties

Class here White River

—783 61 Tripp County

—783 62 Todd County

—783 63 Mellette County

—783 64 Washabaugh County

—783 65 Bennett County

—783 66 Shannon County

—783 9 Black Hills counties

—783 91 Lawrence County

—783 93 Pennington County

Class here Badlands

—783 95 Custer County

—783 97 Fall River County

—784 North Dakota

SUMMARY

—784 1 Red River Valley counties
—784 3 Sheyenne River Valley and adjacent counties
—784 5 James River Valley and adjacent counties
—784 6 Souris River Valley counties
—784 7 Counties north and east of Missouri River
—784 8 Counties south and west of Missouri River
—784 9 Badlands counties

—784 1 Red River Valley counties

Class here Red River of the North

—784 12 Richland County

—784 13 Cass County

—784 14 Traill County

—784 16 Grand Forks County

—784 18 Walsh County

—784 19 Pembina County

—784 3 Sheyenne River Valley and adjacent counties

Class James River in North Dakota [*formerly* area **784 3**] in area **784 5**

—784 31 Sargent County

—784 315 Ransom County

—784 32 Barnes County

—784 33 Steele County

—784 34 Griggs County

—784 35 Nelson County

—784 36 Ramsey County

Class here Devils Lake

—784 37 Cavalier County

—784 38 Towner County

—784 39 Benson County

—784 5 James River Valley and adjacent counties

Including Eddy County

Class here James River in North Dakota [*formerly* area **784 3**]

—784 51 Foster County

—784 52 Stutsman County

—784 53 La Moure County

—784 54 Dickey County

—784 55 McIntosh County

—784 56 Logan County

—784 57 Kidder County

—784 58 Wells County
—784 59 Pierce County
—784 592 Rolette County
—784 6 Souris River Valley counties
Class here Turtle Mountains

—784 61 Bottineau County
—784 62 McHenry County
—784 63 Ward County
—784 64 Renville County
—784 7 Counties north and east of Missouri River
Class here Missouri River in North Dakota

—784 71 Divide County
—784 72 Burke County
—784 73 Williams County
—784 74 Mountrail County
—784 75 McLean County
Class here Garrison Reservoir

—784 76 Sheridan County
—784 77 Burleigh County
—784 78 Emmans County
—784 8 Counties south and west of Missouri River
Class here Little Missouri River
For Badlands counties, see area 784 9

—784 81 McKenzie County
—784 82 Dunn County
—784 83 Mercer County
—784 84 Oliver County
—784 844 Stark County
—784 85 Morton County
—784 86 Hettinger County
—784 87 Grant County

—784 88 Sioux County
—784 89 Adams County
—784 9 Badlands counties
—784 92 Bowman County
—784 93 Slope County
—784 94 Billings County
—784 95 Golden Valley County

► —786–789 Rocky Mountains states
For Idaho, see area 796

—786 Montana

SUMMARY

—786 1 North central counties
—786 2 Northeastern and central plains counties
—786 3 Southeastern counties
—786 5 Northwest central counties
—786 6 Southwestern and central mountain counties
—786 8 Northwestern counties

—786 1 North central counties
Class here Milk River, Missouri River in Montana

—786 12 Toole County
—786 13 Liberty County
—786 14 Hill County
—786 15 Blaine County
—786 16 Phillips County
—786 17 Valley County
Class here Fort Peck Reservoir

—786 2 Northeastern and central plains counties
Including Daniels County
—786 21 Sheridan County
—786 22 Roosevelt County
—786 23 Richland County
—786 24 Dawson County

—786 25 Prairie County
—786 26 McCone County
—786 27 Garfield County
—786 28 Petroleum County
—786 29 Fergus County
—786 293 Chouteau County
—786 3 Southeastern counties
Class here Yellowstone River

—786 31 Golden Valley County
—786 312 Musselshell County
—786 313 Treasure County
—786 32 Rosebud County
—786 33 Custer County
—786 34 Wibaux County
—786 35 Fallon County
—786 36 Carter County
—786 37 Powder River County
—786 38 Big Horn County
—786 39 Yellowstone County
—786 5 Northwest central counties
Class here Rocky Mountains in Montana
Class Bitterroot Range [*formerly* area **786 5**] in area **786 8**

—786 52 Glacier County
Class here Waterton-Glacier International Peace Park, Glacier National Park

—786 53 Pondera County
—786 55 Teton County
—786 6 Southwestern and central mountain counties
Including Lewis and Clark County

—786 61 Cascade County
—786 612 Meagher County
—786 62 Judith Basin County

—786 63 Wheatland County
—786 64 Sweet Grass County
—786 65 Stillwater County
—786 652 Carbon County
—786 66 Park County
—786 662 Gallatin County
—786 663 Madison County
—786 664 Broadwater County
—786 67 Jefferson County
—786 68 Silver Bow County
—786 69 Beaverhead County
—786 8 Northwestern counties
Class here Bitterroot Range [*formerly* area **786 5**]

—786 81 Lincoln County
—786 82 Flathead County
—786 83 Lake County
Class here Flathead Lake

—786 833 Sanders County
—786 84 Mineral County
—786 85 Missoula County
—786 86 Powell County
—786 87 Deer Lodge County
—786 88 Granite County
—786 89 Ravalli County

—787 Wyoming

SUMMARY

—787 1 Eastern counties (High Plains region)
—787 2 Rocky Mountains region
—787 3 Big Horn Mountains counties
—787 4 Absaroka Range counties
—787 5 Teton Range area
—787 6 Wind River Range counties
—787 8 Southwestern counties
—787 9 Laramie Range counties

—787 1 Eastern counties (High Plains region)

—787 12 Campbell County

—787 13 Crook County

Class here Belle Fourche River

—787 14 Weston County

—787 15 Niobrara County

—787 16 Converse County

Class here North Platte River

—787 17 Platte County

—787 18 Goshen County

—787 19 Laramie County

—787 2 Rocky Mountains region

For a specific part of Rocky Mountains region, see the subject, e.g., Fremont County area 787 63

—787 3 Big Horn Mountains counties

—787 32 Sheridan County

—787 33 Big Horn County

—787 34 Washakie County

—787 35 Johnson County

—787 4 Absaroka Range counties

—787 42 Park County

—787 43 Hot Springs County

Class here Owl Creek Mountains

—787 5 Teton Range area

—787 52 Yellowstone National Park

—787 55 Teton County

Including Grand Teton National Park

Class here Snake River and Gros Ventre Ranges, Snake River in Wyoming

—787 6 Wind River Range counties

—787 63 Fremont County

—787 65 Sublette County

—787 8 Southwestern counties

—787 82 Lincoln County

—787 84 Uinta County

Class here Bear River Divide

—787 85 Sweetwater County

Class here Green River in Wyoming

—787 86 Carbon County

Class here Medicine Bow Range, Pathfinder Reservoir

—787 9 Laramie Range counties

—787 93 Natrona County

—787 95 Albany County

—788 Colorado

SUMMARY

—788 1 Northern counties of Colorado Plateau
—788 2 Southern counties of Colorado Plateau
—788 3 Southern counties of Rocky Mountains
—788 4 West central counties of Rocky Mountains
—788 5 East central counties of Rocky Mountains
—788 6 Northern counties of Rocky Mountains
—788 7 Northern counties of Great Plains
—788 8 Central counties of Great Plains
—788 9 Southern counties of Great Plains

—788 1 Northern counties of Colorado Plateau

Class here Colorado River in Colorado

—788 12 Moffat County

Class here Dinosaur National Monument

—788 14 Routt County

—788 15 Rio Blanco County

—788 16 Garfield County

—788 17 Mesa County

—788 18 Delta County

—788 19 Montrose County

—788 2 Southern counties of Colorado Plateau

—788 22 Ouray County

—788 23 San Miguel County

—788 25 San Juan County

—788 26 Dolores County

—788 27 Montezuma County

—788 29 La Plata County

Class here La Plata Mountains

—788 3 Southern counties of Rocky Mountains

Class here Rocky Mountains in Colorado

—788 32 Archuleta County

—788 33 Conejos County

Class here San Luis Valley, Rio Grande in Colorado

—788 35 Costilla County

—788 36 Alamosa County

—788 37 Rio Grande County

—788 38 Mineral County

Class here San Juan Mountains

—788 39 Hinsdale County

—788 4 West central counties of Rocky Mountains

Class here Sawatch Range

—788 41 Gunnison County

Class here Elk Mountains

—788 43 Pitkin County

—788 44 Eagle County

—788 45 Summit County

Class here Gore Range

—788 46 Lake County

—788 47 Chaffee County

—788 49 Saguache County

Class here Sangre de Cristo Range, Great Sand Dunes National Monument

—788 5 East central counties of Rocky Mountains

—788 51 Huerfano County

—788 52 Custer County

—788 53 Fremont County

Class here Arkansas River in Colorado

—788 55 Pueblo County

—788 56 El Paso County

—788 58 Teller County

—788 59 Park County

Class here Mosquito Range

—788 6 Northern counties of Rocky Mountains

—788 61 Clear Creek County

—788 62 Gilpin County

—788 63 Boulder County

—788 65 Grand County

Class here Rabbit Ears Range

—788 66 Jackson County

Class here Park Range

—788 68 Larimer County

—788 69 Rocky Mountain National Park

For a specific part of Rocky Mountain National Park, see the county in which located, e.g., Larimer County area **788 68**

—788 7 Northern counties of Great Plains

Class here South Platte River

—788 72 Weld County

—788 74 Morgan County

—788 75 Logan County
—788 76 Sedgwick County
—788 77 Phillips County
—788 78 Yuma County
—788 79 Washington County
—788 8 Central counties of Great Plains
—788 81 Adams County
—788 82 Arapahoe County
—788 83 Denver (Denver County)
—788 84 Jefferson County
—788 86 Douglas County
—788 87 Elbert County
—788 89 Lincoln County
—788 9 Southern counties of Great Plains
—788 91 Kit Carson County
—788 92 Cheyenne County
—788 93 Kiowa County
—788 94 Crowley County
—788 95 Otero County
—788 96 Las Animas County
—788 97 Bent County
—788 98 Prowers County
—788 99 Baca County

—789 New Mexico

SUMMARY

—789 2 Northeastern counties
—789 3 Llano Estacado counties
—789 4 Pecos Valley counties
—789 5 Rocky Mountains region counties
—789 6 Basin and Range region counties
—789 8 Northwestern counties
—789 9 West central counties

—789 2 Northeastern counties
—789 22 Colfax County
—789 23 Union County

—789 24 Harding County
—789 25 Guadalupe County
—789 26 Quay County
—789 27 Curry County
—789 3 Llano Estacado counties
—789 32 Roosevelt County
—789 33 Lea County
—789 4 Pecos Valley counties
—789 42 Eddy County
—789 43 Chaves County
—789 44 De Baca County
—789 5 Rocky Mountains region counties
—789 52 Rio Arriba County
—789 53 Taos County
—789 54 Mora County
—789 55 San Miguel County
—789 56 Santa Fe County
—789 57 Sandoval County
—789 58 Los Alamos County
—789 6 Basin and Range region counties

Class here Rio Grande in New Mexico

—789 61 Bernalillo County
—789 62 Socorro County

Class here Elephant Butte Reservoir, Jornada del Muerto, San Andres Mountains

—789 63 Torrance County
—789 64 Lincoln County
—789 65 Otero County

Class here Tularosa Valley, White Sands National Monument, Sacramento Mountains

—789 66 Dona Ana County
—789 67 Sierra County
—789 68 Luna County

—789 69 Grant County
—789 693 Hidalgo County
Class here Peloncillo Mountains

—789 8 Northwestern counties
—789 82 San Juan County
—789 83 McKinley County
—789 9 West central counties
—789 92 Valencia County
—789 93 Catron County

—79 States of Great Basin and Pacific Slope
Class here Pacific Coast states

—791 Arizona
Class here New Southwest

—791 3 Colorado Plateau region
Class here Colorado River

—791 32 Grand Canyon National Park and Monument
—791 33 Coconino County
Class here Painted Desert, Little Colorado River
For Grand Canyon National Park, see area 791 32

—791 35 Navajo County
—791 37 Apache County
Class here Petrified Forest National Monument

—791 5 Mountain region
—791 51 Greenlee County
—791 53 Cochise County
—791 54 Graham County
Class here San Carlos Lake

—791 55 Gila County
—791 57 Yavapai County
—791 59 Mohave County
For Grand Canyon National Monument, see area 791 32

—791 7 Plains region
Class here Gila River

—791 71 Yuma County
—791 73 Maricopa County
—791 75 Pinal County
—791 77 Pima County
—791 79 Santa Cruz County

—792 Utah
—792 1 Wyoming Basin region
—792 12 Cache County
—792 13 Rich County
—792 14 Summit County
Class here Uinta Mountains

—792 15 Daggett County

—792 2 Rocky Mountains region
Class here Wasatch Range

—792 21 Uintah County
Class here Green River

—792 22 Duchesne County
—792 23 Wasatch County
—792 24 Utah County
—792 25 Salt Lake County
—792 26 Morgan County
—792 27 Davis County
—792 28 Weber County

—792 4 Great Basin region
—792 42 Box Elder County
Class here Great Salt Lake

—792 43 Tooele County
Class here Great Salt Lake Desert

—792 44 Juab County
—792 45 Millard County
—792 46 Beaver County
—792 47 Iron County
—792 48 Washington County
Class here Zion National Monument, Zion National Park

—792 5 Colorado Plateau region
Class here Colorado River in Utah

—792 51 Kane County
Class here Bryce Canyon National Park

—792 52 Garfield County
—792 53 Piute County
—792 54 Wayne County
—792 55 Sevier County
—792 56 Sanpete County
—792 566 Carbon County
—792 57 Emery County
—792 58 Grand County
—792 59 San Juan County
Class here San Juan River

—793 Nevada
—793 1 Eastern counties
—793 12 Lake Mead National Recreational Area
—793 13 Clark County
For Lake Mead National Recreational Area, see area 793 12

—793 14 Lincoln County
—793 15 White Pine County
—793 16 Elko County
Class here Humboldt River

—793 3 Central region
—793 32 Eureka County
—793 33 Lander County
—793 34 Nye County
Class here Yucca Flats, Frenchman Flat

—793 35 Esmeralda County
—793 5 Western region
—793 51 Mineral County
—793 52 Churchill County
—793 53 Pershing County
—793 54 Humboldt County
Class here Black Rock Desert

—793 55 Washoe County
—793 56 Storey County
—793 57 Ormsby County
Class here Lake Tahoe in Nevada

—793 58 Lyon County
—793 59 Douglas County

—794 California

SUMMARY

—794 1	Northwestern counties
—794 2	Northeastern counties
—794 3	North central counties
—794 4	East central counties
—794 5	Central counties
—794 6	West central counties
—794 7	Southern Coast Range counties
—794 8	South central counties
—794 9	Southern counties (Southern California)

—794 1 Northwestern counties
Class here northern California, Coast Ranges in California

—794 11 Del Norte County
—794 12 Humboldt County
—794 14 Trinity County

—794 15 Mendocino County
—794 17 Lake County
—794 18 Sonoma County
—794 19 Napa County
—794 2 Northeastern counties
Class here Cascade Range in California
—794 21 Siskiyou County
Class here Lava Beds National Monument, Klamath Mountains in California
—794 23 Modoc County
—794 24 Shasta County
Class here Lassen Volcanic National Park
—794 26 Lassen County
—794 27 Tehama County
—794 29 Plumas County
—794 3 North central counties
—794 31 Glenn County
—794 32 Butte County
—794 33 Colusa County
—794 34 Sutter County
—794 35 Yuba County
—794 36 Sierra County
—794 37 Nevada County
—794 38 Placer County
Class here Lake Tahoe
—794 4 East central counties
Class here central California, Sierra Nevada
—794 41 El Dorado County
—794 42 Amador County
—794 43 Alpine County
—794 44 Calaveras County
—794 45 Tuolumne County

—794 46 Mariposa County
—794 47 Yosemite National Park
For a specific part of Yosemite National Park, see the county in which located, e.g., Tuolumne County area **794 45**
—794 48 Mono County
—794 5 Central counties
Class here Sacramento River Valley, Great Valley (Central Valley)
—794 51 Yolo County
—794 52 Solano County
—794 53 Sacramento County
For Sacramento city, see area **794 54**
—794 54 Sacramento city
—794 55 San Joaquin County
For Stockton, see area **794 56**
—794 56 Stockton
—794 57 Stanislaus County
—794 58 Merced County
—794 6 West central counties
Class here San Francisco Bay area
—794 61 San Francisco (San Francisco County)
—794 62 Marin County
—794 63 Contra Costa County
—794 65 Alameda County
For Oakland, see area **794 66**; *Berkeley, area* **794 67**
—794 66 Oakland
—794 67 Berkeley
—794 69 San Mateo County
—794 7 Southern Coast Range counties
—794 71 Santa Cruz County

—794 73 Santa Clara County
For San Jose, see area 794 74

—794 74 San Jose

—794 75 San Benito County

—794 76 Monterey County
Class here Salinas River

—794 78 San Luis Obispo County
Class here Santa Lucia Range

—794 8 South central counties
Class here San Joaquin River and Valley

—794 81 Madera County

—794 82 Fresno County
Class here Kings Canyon National Park
For Fresno city, see area 794 83

—794 83 Fresno city

—794 85 Kings County

—794 86 Tulare County
Including Sequoia National Park
Class here Mount Whitney

—794 87 Inyo County
Class here Death Valley National Monument

—794 88 Kern County

—794 9 Southern counties (Southern California)

—794 91 Santa Barbara County

—794 92 Ventura County

—794 93 Los Angeles County
Class here San Gabriel Mountains
For Los Angeles city, see area 794 94

—794 94 Los Angeles city

—794 95 San Bernardino County
Class here Mojave Desert, San Bernardino Mountains

—794 96 Orange County
Class here Santa Ana Mountains

—794 97 Riverside County
Class here Joshua Tree National Monument

—794 98 San Diego County

—794 99 Imperial County
Class here Salton Sea, Imperial Valley, Colorado Desert

—795 Oregon
Class here Pacific Northwest, Cascade and Coast Ranges

SUMMARY

—795 2	Southwestern counties
—795 3	West central counties
—795 4	Northwestern counties
—795 6	North central counties
—795 7	Northeastern counties
—795 8	Central counties
—795 9	Southeastern counties

—795 2 Southwestern counties
Class here Klamath Mountains

—795 21 Curry County
Class here Rogue River

—795 23 Coos County

—795 25 Josephine County
Class here Siskiyou Mountains

—795 27 Jackson County

—795 29 Douglas County
Class here Umpqua River

—795 3 West central counties
Class here Willamette Valley

—795 31 Lane County
—795 33 Lincoln County
—795 34 Benton County
—795 35 Linn County
—795 37 Marion County
—795 38 Polk County
—795 39 Yamhill County
—795 4 Northwestern counties
Class here Columbia River and Valley in Oregon

—795 41 Clackamas County
—795 43 Washington County
—795 44 Tillamook County
—795 46 Clatsop County
—795 47 Columbia County
—795 49 Multnomah County
—795 6 North central counties
Class here Deschutes River

—795 61 Hood River County
Class here Mount Hood

—795 62 Wasco County
—795 64 Sherman County
—795 65 Gilliam County
—795 67 Morrow County
—795 69 Umatilla County
—795 7 Northeastern counties
Class here Blue and Wallowa Mountains, Snake River in Oregon

—795 71 Union County
—795 73 Wallowa County

—795 75 Baker County
—795 78 Grant County
—795 8 Central counties
—795 81 Wheeler County
—795 83 Crook County
Class here Maury Mountains

—795 85 Jefferson County
—795 87 Deschutes County
—795 9 Southeastern counties
—795 91 Klamath County
—795 915 Crater Lake National Park
—795 93 Lake County
—795 95 Harney County
—795 97 Malheur County

—796 Idaho

SUMMARY

—796 1 Southern Idaho
—796 2 Southwestern counties
—796 3 South central counties
—796 4 Southeastern counties
—796 5 Northeastern counties
—796 6 Central Idaho
—796 7 Southeast central counties
—796 8 North central counties
—796 9 Northern Idaho

—796 1 Southern Idaho
Class here Snake River
For a specific county of southern Idaho, see the subject, e.g., Ada County area **796 28**

—796 2 Southwestern counties
—796 21 Owyhee County
—796 23 Canyon County
—796 24 Payette County
—796 25 Washington County

—796 26 Adams County
Class here Seven Devils Mountains

—796 27 Gem County
—796 28 Ada County
—796 29 Elmore County
Class here Arrow Rock Reservoir, Sawtooth Range

—796 3 South central counties
—796 31 Camas County
—796 32 Blaine County
Class here Craters of the Moon National Monument, Pioneer Mountains

—796 33 Minidoka County
—796 34 Lincoln County
—796 35 Jerome County
—796 36 Gooding County
—796 37 Twin Falls County
—796 39 Cassia County
Class here Goose Creek Mountains, Lake Walcott

—796 4 Southeastern counties
—796 41 Oneida County
—796 42 Franklin County
—796 44 Bear Lake County
Class here Wasatch Range in Idaho

—796 45 Caribou County
Class here Preuss Range, Aspen Ridge

—796 47 Bannock County
Class here Bannock Range
—796 49 Power County
Class here American Falls Reservoir

—796 5 Northeastern counties
—796 51 Bingham County
—796 53 Bonneville County
Class here Grays Lake

—796 54 Teton County
—796 55 Madison County
—796 56 Fremont County
—796 57 Clark County
—796 58 Jefferson County
—796 59 Butte County
—796 6 Central Idaho
Class here Bitterroot Range in Idaho
For a specific county of central Idaho, see the subject, e.g., Custer County area 796 72

—796 7 Southeast central counties
Class here Sawtooth Mountains

—796 72 Custer County
Class here Lost River Range

—796 74 Boise County
—796 76 Valley County
—796 78 Lemhi County
Class here Salmon River Mountains, Beaverhead Mountains

—796 8 North central counties
—796 82 Idaho County
Class here Salmon River, Clearwater Mountains

—796 84 Lewis County
—796 85 Nez Perce County
Class here Clearwater River

—796 86 Latah County
—796 88 Clearwater County

—796 9 Northern Idaho
—796 91 Shoshone County
Class here Coeur d'Alene Mountains
—796 93 Benewah County
—796 94 Kootenai County
—796 96 Bonner County
—796 98 Boundary County

—797 Washington
Class here Columbia River

SUMMARY

—797 2	Northeastern counties
—797 3	East central counties
—797 4	Southeastern counties
—797 5	Central counties
—797 7	Puget Sound counties
—797 8	Southwest central counties
—797 9	Coastal counties

—797 2 Northeastern counties
—797 21 Pend Oreille County
—797 23 Stevens County
Class here Franklin D. Roosevelt Lake
—797 25 Ferry County
Class here Kettle River Range
—797 28 Okanogan County
Class here Sawtooth Ridge

—797 3 East central counties
—797 31 Douglas County
Class here Grand Coulee
—797 32 Grant County
—797 33 Franklin County
—797 34 Adams County
—797 35 Lincoln County
—797 37 Spokane County
—797 39 Whitman County
Class here Palouse River

—797 4 Southeastern counties
Class here Snake River in Washington
—797 42 Asotin County
—797 44 Garfield County
—797 46 Columbia County
Class here Blue Mountains in Washington
—797 48 Walla Walla County

—797 5 Central counties
Class here Cascade Range in Washington
—797 51 Benton County
—797 53 Klickitat County
—797 55 Yakima County
Class here Yakima River and Valley
—797 57 Kittitas County
Class here Wenatchee Mountains
—797 59 Chelan County
Class here Entiat Range

—797 7 Puget Sound counties
—797 71 Snohomish County
—797 72 Skagit County
—797 73 Whatcom County
—797 74 San Juan County
—797 75 Island County
—797 76 Kitsap County
Class here Hood Canal
—797 77 King County
—797 78 Pierce County
Class here Mount Rainier National Park
—797 79 Thurston County

—797 8 Southwest central counties

—797 82 Lewis County

Class here Cowlitz River

—797 84 Skamania County

—797 86 Clark County

—797 88 Cowlitz County

—797 9 Coastal counties

Class here Coast Range in Washington

—797 91 Wahkiakum County

—797 92 Pacific County

—797 94 Olympic Peninsula

Class here Olympic Mountains

For a specific county of Olympic Peninsula, see the subject, e.g., Jefferson County area 797 98

—797 95 Grays Harbor County

—797 97 Mason County

—797 98 Jefferson County

Class here Olympic National Park

—797 99 Clallam County

Class here Juan de Fuca Strait

—798 Alaska

—798 2 Southeastern region (Panhandle)

Prince of Wales, Ketchikan, Wrangell-Petersburg, Sitka, Juneau, Lynn Canal-Icy Straits election districts

—798 3 South central region

Pacific Coast area from Icy Bay to Cook Inlet, inland to Alaska Range

Cordova-McCarthy, Valdez Chitina Whittier, Palmer-Wasilla-Talkeetna, Anchorage, Seward, Kenai-Cook Inlet election districts

Class here Alaska Range, Mount McKinley National Park

—798 4 Southwestern region

Area from Cook Inlet to Norton Sound

Kodiak, Aleutian Islands, Bristol Bay, Bethel, Kuskokwim election districts

—798 6 Central Plateau region

Area from Alaska Range to Brooks Range

Yukon-Koyokuk, Fairbanks, Upper Yukon, Nome, Wade Hampton election districts

—798 7 Arctic Slope (Polar) region

Area between Brooks Range and Arctic Ocean

Barrow, Kobuk election districts

—8 South America

Class here Latin America, Spanish America, the Andes

For Middle America, see area 72

—801 Indians of South America

Class South American Indians not limited by continent in area 174 98

SUMMARY

—81 Brazil
—82 Argentina
—83 Chile
—84 Bolivia
—85 Peru
—86 Northwestern South America and Panama
—87 Venezuela
—88 Guiana
—89 Other parts of South America

—81 Brazil

—811 Northwestern region

Amazonas, Pará, Acre states; Amapá, Rio Branco territories

Class here Amazon River

—812 North central states

Maranhão, Piauí

—813 Northeastern region

Ceará, Rio Grande do Norte, Paraíba, Pernambuco, Alagoas states; Fernando de Noronha territory

—814 East central states
Sergipe, Bahia

—815 Southeastern states
Minas Gerais, Espírito Santo, Rio de Janeiro, Guanabara

—816 Southern states
São Paulo, Paraná, Santa Catarina, Rio Grande do Sul
Class here Paraná River in Brazil

—817 West central region
Goiás, Mato Grosso states; Federal District; Rondônia territory

—82 Argentina

—821 Río de la Plata region
Buenos Aires and La Pampa provinces, Federal Capital
Class here Río de la Plata

—822 Mesopotamian provinces
Santa Fe, Entre Ríos, Corrientes, Misiones
Class here Paraná, Uruguay Rivers

—823 Northeastern provinces
Chaco, Formosa
Class here Gran Chaco

—824 Northwestern provinces
Salta, Jujuy, Catamarca, La Rioja, Tucumán

—825 Central provinces
Córdoba, Santiago del Estero

—826 Central Highland provinces
San Juan, Mendoza, San Luis

—827 Patagonian provinces
Neuquén, Río Negro, Chubut, Santa Cruz, Tierra del Fuego
Class here Tierra del Fuego archipelago

—83 Chile

—831 Desert region provinces
Tarapacá, Antofagasta, Atacama

—832 Northern region provinces
Coquimbo, Aconcagua, Valparaiso

—833 Central region provinces
Santiago, O'Higgins, Colchagua, Curicó, Talca, Maule, Linares, Ñuble, Concepción

—834 Frontier region provinces
Arauco, Bío-Bío, Malleco, Cautín

—835 Southern region provinces
Valdivia, Osorno, Llanquihue, Chiloé

—836 Austral region provinces
Aysén, Magallanes
Class here Strait of Magellan

—84 Bolivia

—841 Mountain region departments
La Paz, Oruro, Potosí
Class here Lake Titicaca

—842 Valley region departments
Cochabamba, Chuquisaca, Tarija

—843 Plains region (Santa Cruz department)

—844 Amazon region departments
Beni, Pando

—85 Peru

—851 Northern departments
Tumbes, Piura, Lambayeque, La Libertad, Cajamarca

—852 Central departments
Lima, Callao, Ancash, Ica, Junín, Pasco, Huánuco, Huancavelica, Ayacucho, Apurimac

—853 Southern departments
Arequipa, Moquegua, Tacna, Cuzco, Puno
Class here Lake Titicaca in Peru

—854 Eastern departments
Loreto, Amazonas, San Martín, Madre de Dios
Class here Amazon River in Peru

—86 Northwestern South America and Panama

—861 Colombia

—861 1 Atlantic Coast region
Córdoba, Bolívar, Atlántico, Magdalena, Guajira

—861 2 Northwestern region
Antioquia, Norte de Santander, Santander, Chocó

—861 3 North central region
Caldas, Tolima, Boyacá, Arauca, Vichada
For Cundinamarca, see area **861 4**

—861 4 Cundinamarca

—861 5 South central region
Cauca, Valle del Cauca, Huila, Meta

—861 6 Southern region
Nariño, Putumayo, Caquetá, Vaupés
For Amazonas, see area **861 7**

—861 7 Amazonas

—861 8 San Andrés y Providencia
Islands in Caribbean Sea

—862 Panama
For Panama Canal Zone, see area **863**

—862 1 Panama city

—863 Panama Canal Zone

—866 Ecuador

—866 1 Northern interior provinces
Bolívar, Carchi, Chimborazo, Cotopaxi, Imbabura, Pichincha, Tungurahua

—866 2 Southern interior provinces
Azuay, Cañar, Loja

—866 3 Coastal provinces
Esmeraldas, Guayas, Manabí, El Oro, Los Ríos

—866 4 Eastern provinces
Morona-Santiago, Zamora-Chinchipe, Napo, Pastaza

—866 5 Galápagos Islands (Colón territory)

—87 Venezuela
Class here Orinoco River

—871 Southwestern states
Mérida, Trujillo, Táchira

—872 Northwestern states
Zulia, Falcón, Lara, Yaracuy

—873 North central states
Aragua, Carabobo, Miranda
For Federal District, see area **877**

—874 Central states
Apure, Barinas, Portuguesa, Cojedes, Guárico

—875 Northeastern states
Anzoátegui, Sucre, Nueva Esparta, Monagas

—876 Southeastern region
Bolívar state; Delta Amacuro, Amazonas territories

—877 Federal District

—88 **Guiana**
—881 British Guiana
—882 French Guiana
—883 Surinam (Dutch Guiana)

—89 **Other parts of South America**
—892 Paraguay
—892 1 Departments east of Paraguay River
Concepción, San Pedro, La Cordillera, Guairá, Caaguazú, Caazapá, Itapúa, Misiones, Paraguarí, Alto Paraná, Central, Ñeembucú, Amambay, Capital District

—892 2 Departments west of Paraguay River
Presidente Hayes, Boquerón, Olimpo
Class here Chaco Boreal

—895 Uruguay
Class here Uruguay River in Uruguay

—895 1 Coastal departments
Montevideo, Canelones, Maldonado, San José, Colonia, Rocha
Class here Uruguayan shore of the Río de la Plata

—895 2 Central departments
Lavalleja, Florida, Flores, Soriano, Treinta y Tres, Durazno, Cerro Largo, Río Negro

—895 3 Northern departments
Tacuarembó, Paysandú, Rivera, Salto, Artigas

—9 Other parts of the world

Class islands of the world [*formerly* area 9] in area **142**

SUMMARY

—91	**Malay Archipelago**
—92	**Sunda Islands**
—93	**New Zealand and Melanesia**
—94	**Australia**
—95	**New Guinea (Papua)**
—96	**Other parts of Pacific**
—97	**Atlantic Ocean islands**
—98	**Arctic islands**
—99	**Antarctica**

► **—91–96 Pacific Ocean islands (Oceania)**
For a specific island or group of islands, see the subject, e.g., Japan area **52**

► **—91–95 Southwest Pacific**

—91 **Malay Archipelago**
Class here Indonesia
For Sunda Islands, see area **92**; *New Guinea, area* **95**

—911 Borneo
—911 2 Indonesian Borneo (Kalimantan)
—911 5 North Borneo

► —911 52 – 911 53 Malaysia
—911 52 Sabah state
—911 53 Sarawak state

—911 54 Brunei protectorate

—912 Celebes
—913 Moluccas (Spice Islands)

—914 Philippine Islands
—914 1 Luzon
—914 3 Mindoro
—914 4 Palawan
—914 5 Visayan Islands
Bohol, Cebu, Masbate, Leyte, Negros, Panay, Samar

—914 7 Mindanao
—914 9 Sulu Archipelago

—92 **Sunda Islands**
For Borneo, see area **911**; *Celebes, area* **912**

—921 Sumatra
—922 Java and Madura
—923 Lesser Sunda Islands
For Timor, see area **924**

—924 Timor

—93 New Zealand and Melanesia

—931 New Zealand

—931 1 Outlying islands

Chatham, Pitt, Auckland, Antipodes

—931 2 North Island

—931 22 Auckland provincial district

—931 23 Taranaki provincial district

—931 25 Hawke's Bay provincial district

—931 27 Wellington provincial district

—931 5 South Island (Middle Island) and Stewart Island

—931 52 Marlborough provincial district

—931 53 Nelson provincial district

—931 54 Westland provincial district

—931 55 Canterbury provincial district

—931 57 Otago provincial district

—931 575 Stewart Island

—932–937 Melanesia

► *For Louisiade Archipelago, D'Entrecasteaux Islands, see area* **953**; *Fiji Islands, area* **961 1**

—932 New Caledonia territory

Island of New Caledonia, Isle of Pines, Huon Islands, Chesterfield Islands, Walpole Island, Belep Islands, Wallis and Futuna Islands

For Loyalty Islands, see area **933**

—933 Loyalty Islands

—934 New Hebrides

—935 Solomon Islands

—936 Bismarck Archipelago

For Admiralty Islands, see area **937**

—937 Admiralty Islands

—94 Australia

—941 Western Australia

—942 South Australia

—942 9 Northern Territory

—943 Queensland

Class here Great Barrier Reef

—944 New South Wales

Class here Murray River

—945 Victoria

—946 Tasmania

—947 Australian Capital Territory

—948 Outlying islands

Lord Howe, Norfolk

—95 New Guinea (Papua)

—951 West Irian (West New Guinea) and offshore islands

—953 Territory of Papua

Including Louisiade Archipelago, D'Entrecasteaux Islands

—955 Territory of New Guinea

Class Bismarck Archipelago in area **936**, Buka and Bougainville in area **935**

—96 Other parts of Pacific

Class here Polynesia

—961 Southwest central Pacific

—961 1 Fiji Islands

—961 2 Tonga (Friendly Islands)

—961 3 American Samoa

—961 4 Western Samoa

—961 5 Tokelau (Union Islands)

—961 8 Isolated islands of southeast Pacific

Easter, Pitcairn, Henderson, Ducie, Oeno

—962 South central Pacific
—962 1 Society Islands
—962 11 Tahiti
—962 2 Tubuai (Austral), Gambier, Rapa Islands
—962 3 Cook Islands
—962 4 Manihiki Islands
—963 Southeast central Pacific
—963 1 Marquesas Islands
—963 2 Tuamotu Islands (Low Archipelago)
—964 Central Pacific (Line Islands)
For Palmyra Island, see area **969 9**

—965 West central Pacific (Micronesia)
Class here Trust Territory of the Pacific Islands
For a specific island or group of islands, see the subject, e.g., Marshall Islands area **968 3**

—966 Caroline Islands
—967 Marianas (Ladrone) Islands
—968 Islands of eastern Micronesia
—968 1 Gilbert, Ellice, Phoenix Islands
—968 3 Marshall Islands
—968 5 Nauru (Pleasant Island)
—969 North central Pacific

► —969 1 – 969 4 State of Hawaii
—969 1 Hawaii County (Hawaii Island)
—969 2 Maui and Kalawao Counties
—969 21 Maui Island
—969 22 Kahoolawe Island
—969 23 Lanai Island
—969 24 Molokai Island
Including Kalawao County (leper settlement)

—969 3 Honolulu County (Oahu Island)
—969 31 Honolulu

—[969 32] Palmyra Island
Class in area **969 9**

—969 4 Kauai County
—969 41 Kauai Island
—969 42 Niihau Island
—969 9 Outlying islands
Palmyra [*formerly* area **969 32**], Midway, Johnston, Baker, Howland

—97 Atlantic Ocean islands
Including Bouvet Island
For a specific island or group of islands, see the subject, e.g., Azores area **469 9**

—971 Falklands and dependent islands
—[971 2] Saint Helena and dependencies
Class in area **973**

—973 Saint Helena and dependencies [*formerly* area 971 2]

—98 Arctic islands
Class Eskimos [*formerly* area **98**] in area **701**
For a specific Arctic island or group of islands, see the subject, e.g., Franklin District, Canada area **712 9**

—981 Svalbard (Spitsbergen Archipelago)
Class here Barents Sea

—982 Greenland
—983 Jan Mayen Island
—985 Franz Josef Land
—986 Novaya Zemlya (New Land)
—987 Severnaya Zemlya (Northern Land)

—99 Antarctica

Synthesis of Notation

The following numbers and sequences of numbers are used as the basis for synthesis of other sequences. Here, arranged by the secondary number or sequence, are enumerated all the "divide-like" notes that appear in the main tables, the table of standard subdivisions, and the area table. The procedure for number synthesis thru division is described in the Editor's Introduction, section 3.353 2.

In this list, numbers or spans of numbers preceded by asterisks are numbers whose starred subdivisions are to be divided as instructed at the place indicated. Numbers or spans followed by plus signs in parentheses are to be expanded on another basis, after which each resulting number is to be divided like the sequence named. "S.s." means standard subdivision.

Since every number in the tables may be built upon by the addition of the numbers of the area table, either direct (where the tables say "Add area notation . . .") or thru the use of standard subdivision 09, the "add" notes are not enumerated. Observe also that any standard subdivision may be added to *any* class number.

Like 001–999
016
025.330 01–.339 99
025.46
026.001–.999
133.58
153.94
174.9
220.8
331.116 81
331.137 81
331.181
331.281
331.381
331.398 81
331.481
331.761
331.818 1
331.881 1
331.892 81
334.681
335.438
336.266
336.278
338.456 1
338.47
338.761
338.826 1
339.48
371.84
371.854
380.145
381.45
382.45
651.9
658.37
658.809
658.839
658.89
658.91
659.19
704.949
727.4
727.5
727.6
778.538
784.68
808.066
809.935
920.9
973.315

Like 001–899
910.1
912.100 1–.189 9
973.715

Like 001–199
940.315 001–.315 199
940.531 500 1–.531 519 9

Like 010–990
375.01–.99

Like 017.1–.4
018
019
781.973

Like 025.17
025.34

Like 027
022.31
727.82

Like 031–039
014

Like 033
053
083

Like 034
054
084

Like 035
055
085
Like 036
056
086
Like 037
057
087
Like 038
058
088
Like 061–068
528.1–.8
Like 069.1–.7
708.01–.07
Like 152
156.2
Like 152.1
155.911
Like 153
156.3
Like 155.422–.424
649.122–.124
Like 155.43–.45
649.13–.15
Like 158.2
155.92
Like 170.202
395.1
Like 181–189
921.9
Like 220.1–.8
221.1–.8
*222–224
225.1–.8
*226–228
229.01–.08
*229.1–.9
Like 220.6
296.120 6
297.122 6
Like 221.9
*222–224
*226–228
*229.1–.9
Like 230–260
280(+)
Like 248.8
242.6
269.6
Like 248.82–.89
242.82–.89
Like 252.61–.67
263.91–.97
Like 261
291.17
296.387
297.197
Like 264.1–.9
264.020 1–.020 9
264.030 1–.030 9
Like 265.1–.7
234.16
Like 267.2
267.4
Like 267.3
267.5
Like 270
280(+)
Like 271.01–.98
255
Like 271.01–.09
271.901–.909
Like 271.1–.9
726.77
Like 281–289
207.11
207.12
230.1–.9
242.801–.809
248.48
252.01–.09
254.01–.09
262.01–.09
262.98
266.1–.9
267.18
267.24
267.62
268.8
301.452 81–.452 89
377.8
726.58
783.026
Like 281–288
940.315 21–.315 28
940.531 521–.531 528
Like 281
264.01
Like 283–289
238.3–.9
Like 284–289
264.04–.09
Like 289
940.315 289
940.531 528 9
Like 291
293
295
297.89
299.512
299.514
299.561
Like 291.1–.9
292.1–.9
Like 291.1–.8
294.41–.48
Like 291.1
294.33
294.51
Like 291.2–.4
294.34
Like 291.21
294.521
Like 291.22–.23
291.522–.523
Like 291.3
291.53
Like 291.4
297.4
Like 291.42–.44
294.542–.544
Like 291.6–.7
291.56–.57
Like 291.61–.64
294.361–.364
Like 292–299
301.452 9
377.9
529.32
641.567
726.1
726.779 9
783.029
area 176 2–176 9
Like 294–299
181.04–.09
704.948 9
940.315 29
940.531 529

Like 296.120 4–.120 7
*296.123–.129
296.140 4–.140 7
*296.141–.142
Like 297.122 1–.122 8
297.124 01–.124 08
*297.124 1–.124 8
Like 297.81–.83
297.301–.303
Like 300–800
940.315 3–.315 8
940.531 53–.531 58
Like 312.27
312.4
Like 328.3
328.4–.9(+)
Like 329.01–.02
*329.1–.8
329.9(+)
Like 335
330.159
Like 338.12–.15
338.22–.25
338.32–.35
Like 338.12–.13
338.42–.43
Like 338.82–.86
338.88
Like 341.13
341.12
Like 342.01–.09
342.1–.9(+)
Like 345
346
349.4–.9(+)
Like 345.1
345.2
345.3
345.5
Like 350.001–.009
351.001–.009
353.01–.09
353.91
353.94–.99(+)
Like 350.001–.005
354.3–.9(+)
Like 350.007–.009
354.3–.9(+)
Like 350.01–.08
351.01–.08
353.921–.928
353.94–.99(+)
354.3–.9(+)
354.430 6
Like 350.09
353.94–.99(+)
Like 350.1–.9
353.001–.009
353.93
353.94–.99(+)
354.3–.9(+)
354.430 01–.430 09
Like 350.1
351.1
Like 350.18
658.313
Like 350.71–.72
351.71–.72
Like 350.724 01–.724 03
*350.724 2–.724 7
Like 350.75–.78
351.75–.78
Like 350.75–.76
352.93
Like 350.76
363.4
Like 350.8
351.8
Like 350.82–.87
350.08
Like 350.82–.85
352.94
Like 350.87
352.91
Like 350.870 2–.870 6
*350.871–.878
350.874(+)
350.875–.878(+)
Like 350.9
352.002 9
Like 355.1–.3
358.411–.413
Like 355.1–.2
359.1–.2
Like 355.33–.37
359.33–.37
Like 355.41
359.41
Like 355.5–.8
359.5–.8
Like 355.6–.8
358.416–.418
Like 357.18
357.58
Like 362.1–.4
362.611–.614
362.78
Like 363.61
363.62
363.63
Like 364.13–.17
343.3–.7
Like 368.01
*368.1–.8
Like 371.1–.8
372.11–.18
Like 371.1
373.11
Like 371.2–.8
373.12–.18
Like 371.216–.219
378.105
Like 371.23
378.14
Like 371.26–.29
378.16
Like 371.3
378.17
Like 371.4
378.194
Like 371.5
378.18
Like 371.6–.8
378.196–.198
Like 371.9
155.45
Like 384.1–.7
350.874
Like 384.1
384.4
384.52
384.53
384.54
384.554
384.555
384.6
384.8
Like 385–388
350.875–.878

Like 390.1–.5
391.01–.05
392.360 1–.360 5
Like 418.02
428.02
Like 420–490
039
059
089
155.84
245
296.120 5
297.122 5
301.451
323.112–.119
331.63
331.69
398.9
572.8
781.72
784.76
808.066(+)
924
area 174
area 175
Like 421–428
429
*430–490
Like 421–426
*430–490
Like 421
*430–490
Like 422
*430–490
Like 423
*430–490
Like 428
*430–490
Like 430–490
220.53–.59
422.4
423.3–.9
428.24
428.34
428.64
653.43–.49
808.043–.049
Like 439
839
Like 439.7–.8
038.7–.8
Like 491–499
655.108 9
Like 491–494
299.1–.4
Like 491
891
Like 491.82–.89
037.82–.89
Like 492
892
Like 493
893
Like 494
894
Like 495
895
Like 495.7–.9
299.57–.59
Like 496
896
Like 497
897
Like 499
899
Like 510–590
370.13
630.21–.29
925
s.s. 015
Like 510
530.15
Like 521.1–.4
629.411
Like 523.4
629.435 4
629.455
Like 523.43–.48
521.63–.68
523.983–.988
Like 532.5
627.125
Like 532.515–.517
533.21
Like 532.59
533.29
Like 533.2
533.62
Like 533.273–.276
629.132 303–.132 306
Like 535.01
541.353
Like 535.84
681.414
Like 541
547.1
Like 541.3
660.29
Like 541.341
541.374
Like 543.01–.08
544.01–.08
545.01–.08
547.301–.308
Like 543.1–.6
547.33
Like 544
547.34
Like 544.6
545.83
Like 544.83–.85
545.84
Like 545
547.35
Like 546.2–.7
615.2
615.925
Like 546.3–.7
544.16
Like 546.38–.75
541.389
Like 546.38–.39
661.038–.039
Like 546.4–.7
661.04–.07
Like 546.4
669.29
673.29
Like 547.01–.09
615.31
615.951
Like 547.02–.08
547.52–.58
Like 547.02–.04
547.42–.44
Like 547.035–.038
547.635–.638

Like 547.04–.09
547.64–.69
Like 547.06
547.07
547.08
547.46
547.47
547.48
Like 547.2
660.284 4
Like 547.41
547.51
Like 547.86
667.25
Like 551.302–.305
551.35
551.37
Like 551.461–.469
551.471–.479
629.130 91
799.166
Like 551.461–.468
574.921–.928
Like 551.5
551.64
Like 551.577 1–.577 3
551.578 1
551.578 41–.578 43
Like 552.1–.5
549.114
Like 553
338.26
338.27
380.142
381.42
382.42
Like 553.2–.8
622.18
Like 553.2
622.33
Like 553.21–.25
662.622 1–.622 5
Like 553.43–.49
622.343–.349
Like 553.5–.8
622.35–.38
Like 574.16
581.16
591.16
Like 574.191
581.191
591.191
Like 574.191 3–.191 7
574.191 9
612.014 5
Like 574.191 3
612.014 41
Like 574.191 5
612.014 48
Like 574.192
581.192
591.192
Like 574.192 1
612.015 2
Like 574.192 5
612.015 1
Like 574.192 9
612.015 4
Like 574.8
581.8
Like 574.9
560.9
561.19
576.19
581.9
591.9
Like 574.909
598.291
Like 575.1
573.21
Like 575.2
573.22
Like 578.1
681.413
Like 578.6
578.8
578.9
Like 581.1–.9
582.160 1–.160 9
586.01–.09
589.901–.909
Like 581.1–.3
582.01–.03
Like 581.1
576.11
Like 581.15
591.15
Like 581.49
582.049
Like 581.5–.9
582.05–.09
Like 583–589
615.952
633.88
635.933–.939
Like 583–587
615.323–.327
Like 583–585
635.977 3–.977 5
Like 583
634.973
Like 584
634.974
Like 585
634.975 9
Like 589
615.329
Like 589.2
632.4
Like 589.9
616.014
Like 591.1–.9
592.01–.09
594.01–.09
595.701–.709
596.01–.09
597.01–.09
599.01–.09
Like 591.1–.8
598.21–.28
Like 592–599
338.372
380.143
381.43
382.43
632.6
743.62–.69
Like 593
639.73
Like 594.2–.5
639.48
Like 594.3
564.3
Like 595–599
799.255–.259
Like 595–598
799.279
Like 595.1
639.75

Like 595.384
639.54
Like 595.6
565.6
Like 595.7
632.7
638.57
Like 597–599
639.97
Like 597.2–.5
639.27
639.372–.375
799.17
Like 597.6–.9
639.376–.379
Like 598.1
639.14
639.39
Like 598.3–.9
799.248
Like 599.1–.8
639.11
799.271–.278
Like 599.3–.8
636.93–.98
Like 610–690
926
Like 611–619
636.089
Like 611
573.6
612.640 1
Like 611.1–.9
616.994
616.995
617.95
Like 611.71
617.15
Like 613.8
157.6
Like 613.83–.85
616.863–.865
Like 614.71
628.53
Like 615.82–.89
*616.1–.9(+)
*618(+)
618.920 01–.920 09(+)
Like 615.851
616.891 6
Like 616–618
362.19
Like 616–617
301.47
Like 616.01–.02
*616.1–.9(+)
*618(+)
618.920 01–.920 09(+)
Like 616.07–.09
*616.1–.9(+)
*618(+)
618.920 01–.920 09(+)
Like 616.075
617.075
Like 616.1–.9
312.26
312.3
618.921–.929
Like 616.1–.9 (01–09)
618.920 01–.920 09
Like 616.1–.8
614.591–.598
Like 616.852
157.3
Like 616.855
157.5
Like 616.858 2–.858 4
157.7
Like 616.858 8
157.8
Like 616.895–.898
157.2
Like 616.922
614.526
Like 616.936
614.53
Like 616.96
614.55
Like 617.01–.09
*617.1–.9(+)
Like 620–690
331.116 82–.116 89
331.137 82–.137 89
331.182–.189
331.282–.289
331.382–.389
331.398 82–.398 89
331.482–.489
331.762–.769
331.818 2–.818 9
331.881 2–.881 9
331.892 82–.892 89
334.682–.689
338.456 2–.456 9
338.762–.769
338.826 2–.826 9
658.92–.99
744.422
Like 620.112
620.16
620.17
Like 620.12–.19
624.153
Like 621.312 13
621.312 2
Like 621.381 512
621.381 513
Like 621.384 131–.384 133
621.388 31–.388 33
Like 621.384 135–.384 136
621.388 35–.388 36
Like 621.384 18
621.388 8
Like 621.433–.437
623.872 3
Like 621.433–.436
629.250 3–.250 6
Like 623.42–.44
739.74
Like 623.451 94–.451 96
358.17
Like 623.82
386.22
387.2
623.882
Like 623.825–.826
359.32
Like 624.17
623.817
Like 624.18
623.818
Like 625.22–.24
385.32–.34
Like 625.262–.266
385.362–.366
Like 625.81–.86
625.881–.886
Like 627.922–.924
623.894 2–.894 4
Like 629.133 2–.133 3
387.732–.733
629.133 1

Like 629.133 25–.133 27
623.743
Like 629.136
623.66
Like 629.222–.229
629.221
Like 629.222–.228
388.342–.348
Like 629.222
629.283
Like 629.223–.229
629.284
Like 629.32
623.748
Like 631
635.91
Like 631.5
*633–635
634.88
Like 631.83–.85
668.62
Like 631.86–.87
668.63
Like 632
*633–635(+)
634.96
635.92
Like 633–638
338.16
338.17
380.141
381.41
382.41
Like 633.1
633.25
641.331
Like 633.7
641.337
Like 633.8
641.338
Like 633.82–.84
664.52–.54
Like 634.1–.8
641.34
Like 634.92–.96
634.975 12–.975 16
Like 635.1–.8
641.35
Like 636
641.36
Like 636.08
636.108
636.208
636.308
636.390 8
636.408
636.508
636.592 08
636.708
636.808
Like 636.088
636.21
636.31
636.391
636.41
636.51
Like 636.23
636.24
Like 636.32–.38
636.392–.398
Like 636.32–.37
636.42–.47
636.52–.57
Like 636.59
637.59
Like 637
641.37
Like 637.141–.146
637.147
Like 639.1–.2, .4–.7
641.39
Like 641.33–.39
641.63–.69
Like 641.41–.47
641.492
641.493
641.494
Like 641.42–.46
641.61
Like 646.32–.36
646.402–.406
*646.42–.48
646.502–.506
Like 655.38
655.579
Like 657.2–.6
*657.8
Like 658.114
658.04
Like 661.81
*661.8
Like 663.1
663.3
Like 663.11–.19
663.201–.209
663.501–.509
Like 664.028
664.902 8
664.92
664.93
664.94
Like 664.028 4–.028 8
664.84–.88
Like 664.07–.09
664.807–.809
664.907–.909
Like 664.11
664.122
Like 668.42–.45
547.843 2
Like 669.1–.7
669.951–.957
693.7
Like 669.2–.7
691.8
Like 669.2
620.189 2
Like 669.73
620.189 3
673.73
Like 671
672
*673
Like 677.028
*677.1–.4
Like 677.1–.5
667.31–.35
Like 677.46–.47
547.85
Like 687.11–.13
391.1–.3
687.14
687.21–.23
687.4
Like 693.5
666.895
Like 704.94
743.9
769.4
778.9
779

Like 704.942–.949
731.82–.89
Like 704.943–.949
743.8
Like 704.945–.947
753
Like 704.948
755
Like 708.1–.9
747.21–.29
748.291–.299
748.591–.599
749.21–.29
s.s. 074 01–074 09
Like 710–790
927
Like 721
690.1
Like 725–728
621.322 5–.322 8
690.5–.8
697.935–.938
747.8
Like 725
647.96
Like 726
647.98
Like 727
647.99
Like 738.1
666.4
Like 739.12–.15
739.222–.225
739.272–.275
739.32–.35
739.42–.45
Like 739.22
739.23
Like 747.201–.204
748.290 1–.290 4
748.590 1–.590 4
749.201–.204
Like 781–789
789.913 6
Like 782.12–.15
782.81
782.82
Like 782.83
782.85
782.86
782.87
782.95
Like 783.1–.9
783.026(+)
783.029(+)
Like 783.3
783.4
783.5
783.65
Like 783.35
783.63
783.95
Like 784.306
783.675
Like 784.306 1
784.306 2
784.306 3
784.306 4
784.306 5
784.306 6
784.306 7
784.81
784.82
784.83
784.84
784.85
Like 785.11
*783.21–.29
785.12
785.2
785.31
785.32
785.34
785.41
785.42
785.43
785.5
785.8
*786.41–.49
*786.81–.89
Like 785.115
783.205
785.135
785.305
785.66–.69(+)
786.405
786.805
Like 785.72–.79
785.702–.709
Like 786–789
785.66–.69
785.72
785.73
785.74
785.75
785.76
785.77
785.78
785.79
Like 786.2–789.6
681.81
Like 787.1
*787–789
Like 787.154
787.152
Like 790.019
793.019
796.019
Like 792.01–.09
791.43
791.44
791.45
*792.1–.8
Like 794
688.74
Like 795
688.75
Like 796
688.76
Like 796.334 6
796.334 7
Like 796.358 6
796.358 7
Like 799.24
639.12
Like 808.042
808.043–.049(+)
Like 808.1–.7
808.068 1–.068 7
Like 808.801–.803
792.090 9
808.819
808.829
808.839
808.849
808.859
808.869
808.879
810.801–.803
810.91–.93
811.008 01–.008 03
811.009 1–.009 3
Like 808.801–.802
809.91–.92
Like 808.81–.87
809.1–.7

Like 808.812–.818
808.12–.18
811.02–.08
Like 808.822–.825
808.22–.25
812.02–.05
Like 808.831–.838
808.31–.38
813.01–.08
Like 808.851–.856
815.01–.06
Like 808.882–.888
818.02–.08
878.002–.008
888.002–.008
Like 808.899 28
809.892 8
810.809 28
810.992 8
Like 810–890
928
Like 810.1–818.5
*820–890
Like 810.8
*820–890
Like 810.9
*820–890
Like 810.900 1–.900 5
810.800 1–.800 5
811.1–.5
812.1–.5
813.1–.5
814.1–.5
815.1–.5
816.1–.5
817.1–.5
Like 810.900 2–.900 5
818.2–.5
Like 811
*820–890
Like 811.001–.009
812.001–.009
813.001–.009
814.001–.009
815.001–.009
816.001–.009
817.001–.009
Like 812
*820–890
Like 813
*820–890
Like 814
*820–890
Like 815
*820–890
Like 816
*820–890
Like 817
*820–890
Like 818
*820–890
Like 818.001–.009
818.102 01–.102 09
818.103 01–.103 09
818.108 01–.108 09
878.000 1–.000 9
888.000 1–.000 9
Like 839.310 900 5–.310 900 6
839.320 900 5–.320 900 6
Like 839.810 900 1–.810 900 7
839.820 900 1–.820 900 7
Like 839.810 900 6–.810 900 7
839.830 900 6–.830 900 7
Like 870.900 1–.900 4
871.01–.04
878.01–.04
Like 871
872
873
874
875
876
877
Like 880.900 1–.900 3
881.01–.03
888.01–.03
Like 881
882
883
884
885
886
887
Like 891.820 900 1–.820 900 5
891.840 900 1–.840 900 5
Like 891.920 900 1–.920 900 3
891.930 900 1–.930 900 3
894.511 090 01–.511 090 03
894.541 090 01–.541 090 03
895.809 001–.809 003
895.910 900 1–.910 900 3
Like 909.1–.8
909.09(+)
Like 920.1–928.9
013
390.4
614.584
630.204
s.s. 024
Like 920.1–927.9
808.899 201–.899 279
809.892 01–.892 79
810.809 201–.809 279
810.992 01–.992 79
Like 920.1–.5
704.01–.05
Like 920.9–928.9
704.09–.89
Like 938.01–.09
938.1
938.2
938.3
938.4
938.5
938.6
938.7
938.8
938.9
939.1
Like 942.01–.08
914.203
914.204
Like 947.08
957.08
958.408
Like 949.501–.507
949.9
Like 956.101–.103
949.61
Like 958.407–.408
958.5
958.6
958.7
Like 959.403–.404
959.6
Like 959.503–.505
991.15
Like 966.250 1–.250 5
966.26
966.68
966.8

Like 967.301–.303
967.9
Like 971.801–.804
971.9
Like 972.802–.805
972.81
972.82
972.83
972.84
972.85
972.86
Like 974.01–.04
975
Like 974.101–.104
974.2
974.3
974.4
974.5
974.6
974.7
974.8
974.9
975.1
975.2
975.4
975.5
975.6
975.7
975.8
Like 976.101–.106
976.2
Like 977.101–.104
977.2
977.3
977.4
977.5
Like 978.01–.03
979
Like 978.301–.303
978.4
Like 978.901–.905
979.1
Like 991.01–.03
992
Like s.s. 01–09
666.3
Like s.s. 018
701.9
Like s.s. 021–027
792.029 1–.029 7
Like s.s. 027
630.207
Like s.s. 071 5
640.714
Like s.s. 072–079
207.3
Like s.s. 072
370.78
Like s.s. 075–078
607.35–.38
Like s.s. 090 1–090 4
309.101–.104
330.901–.904
655.101–.104
808.800 1–.800 4
809.01–.04
Like s.s. 090 1
913.04
930
Like s.s. 090 12–090 15
709.012–.015
913.032–.035
Like s.s. 090 2–090 4
901.9
Like s.s. 090 21–090 23
709.021–.023
Like s.s. 090 3–090 4
709.03–.04
769.903–.904
Like s.s. 092
221.92
225.92
229.092
Like area 1
614.422
616.988
655.109
909.09
912.19
913.3(+)
*914–919(+)
914.209
*930–990(+)
938.009
Like area 11–15
574.909
Like area 141–145
551.41–.45
Like area 173
254.2
323.35
Like area 173 2–173 4
155.942–.944
Like area 3–9
area 171 2
Like area 39
181.9
732.9
Like area 4
973.32
Like area 42–48
708.2–.8
759.2–.8
Like area 42
062
072
Like area 421–428
427.1–.8
Like area 43–49
929.73–.79
Like area 43
063
073
Like area 431–436
437.1–.6
Like area 44
064
074
Like area 441–448
447.1–.8
Like area 45
065
075
Like area 451–457
457.1–.7
Like area 458 1–458 2
457.8
Like area 459 1–459 3
457.91–.93
Like area 46
066
076
Like area 461–468
467.1–.8
Like area 469 1–469 6
469.71–.76
Like area 47
067
077
Like area 48
078

Like area 59
181.19
Like area 7
970.4
Like area 71
061.1
071.1
708.11
Like area 73–79
061.3–.9
071.3–.9
Like area 74–79
759.14–.19
973.744–.749
Like area 74–77
973.524 4–.524 7
Like area 74
973.344
Like area 75
973.345
Like area 8
980.4
Like area 811–817
469.798

Relative Index

Use of the Relative Index

Full instructions on use appear in the Editor's Introduction, section 3.6.

A dagger (†) preceding a number means that one or more topics, not necessarily including the one named, have been relocated to this number from another number in Edition 16.

A plus sign (+) following a number means that instructions given at that number in the general tables provide for its expansion to the detail required for this topic.

An entry and number in **boldface** means that this subject and number are subdivided in the tables.

A number preceded by *"area –"* may be found in the Area Table, and indicates geographical specification; a number preceded by *"s.s.–"* may be found in the Table of Standard Subdivisions, and indicates a form of presentation or a mode of treatment. Neither area nor standard subdivision numbers are used alone, but both may be used as required with any number from the general tables.

Abbreviations Used in the Index

ASSR	Autonomous Soviet Socialist Republic
admin.	administration(s)
Ala.	Alabama
anal.	analytic(al), analysis
arch.	architectural, architecture
Ariz.	Arizona
Ark.	Arkansas
bus.	business(es)
bus. tech.	business technology
Calif.	California
chem. tech.	chemical technology
co.	county
Colo.	Colorado
comp.	comparative
Conn.	Connecticut
Del.	Delaware
dept(s).	department(s)
econ.	economic(s)
econ. geol.	economic geology
ed.	education(al)
elect.	electric(al), electricity
Eng.	England
eng.	engineering, engineers
equip.	equipment
Fla.	Florida
Ga.	Georgia
gen.	general
gen. wks.	general works
geol.	geological, geology
govt.	government(s), governmental
hist.	historical, history
Ia.	Iowa
Ida.	Idaho
Ill.	Illinois
Ind.	Indiana
ind.	industrial, industries, industry
internat.	international
isl(s).	island(s)
Kan.	Kansas
Ky.	Kentucky
La.	Louisiana
lit.	literary, literature(s)
Mass.	Massachusetts
Md.	Maryland
Me.	Maine
meas.	measures
med.	medical, medicine
med. sci.	medical sciences
Mich.	Michigan
mil.	military
mil. sci.	military science
Minn.	Minnesota
Miss.	Mississippi
Mo.	Missouri
Mont.	Montana
mt(s).	mountain(s)
N.C.	North Carolina
N.D.	North Dakota
N.H.	New Hampshire
N.J.	New Jersey
N.M.	New Mexico
N.T.	New Testament
N.Y.	New York
N.Z.	New Zealand

nat.	national, natural
Neb.	Nebraska
Nev.	Nevada
O.	Ohio
O.T.	Old Testament
Okla.	Oklahoma
Ore.	Oregon
P.E.I.	Prince Edward Island
Pa.	Pennsylvania
par.	parish
pol.	political, politics
pol. sci.	political science
prac.	practical, practice
prod.	producing, production, products
psych.	psychological, psychology
pub.	public
qual.	qualitative, quality
quan.	quantitative, quantity
R.I.	Rhode Island
RSFSR	Russian Soviet Federated Socialist Republic
reg.	regulation(s), regulatory
rel.	religion(s)
res.	reservoir
S.C.	South Carolina
S.D.	South Dakota
SSR	Soviet Socialist Republic
sci.	science(s), scientific
spec.	specific
St.	Saint
subj.	subject(s)
Tenn.	Tennessee
Ter.	Territory
Tex.	Texas
U.S.	United States
USSR	Union of Soviet Socialist Republics
Va.	Virginia
vet.	veterinary
vet. sci.	veterinary science
Vt.	Vermont
W.Va.	West Virginia
Wash.	Washington
Wis.	Wisconsin
Wyo.	Wyoming

Relative Index

A

ACTH
drugs *see* Endocrine drugs
secretion *see* Adrenal glands
À la carte
service *see* Restaurant meals
AM
systems *see* Telecommunication
AP
projectiles *see* Special-purpose projectiles
APC
projectiles *see* Special-purpose projectiles
A vitamin *see* Vitamins
Aabenraa Denmark *area* –489 5
Aachen Germany *area* –†435 5
Aaland Isls. *see* Aland Isls.
Aalborg Denmark *area* –489 5
Aardvarks *see* Edentates
Aardwolves
culture 636.97+
see also Proteles
Aargau Switzerland *area* –494 5
Aarhus Denmark *area* –489 5
Abaca *see* Manila hemp
Abacus
manufacture
economics 338.47+
technology 681.14
marketing 658.809+
see also Arithmetical operations
Abandoned
children *see* Children
Abattoir
fertilizers
agriculture
gen. wks. 631.843
see also spec. crops
marketing 658.809+
processing
economics 338.47+
technology 668.62+
Abbeville Co. S.C. *area* –757 35
Abbey
schools *see* Monastic schools
Abbeys
buildings *see* Monastic buildings
religion *see* Religious congregations
Abbreviation
systems
shorthand
bus. tech. 653.2
see also spec. applications
see also *s.s.*–014 8
Abbreviations
linguistics
English 421
see also other spec. languages
see also *s.s.*–014 8
Abdias (O.T.) *see* Minor prophets
Abdomen
anatomy
med. sci.
animals
gen. wks. 636.089+
see also spec. animals
man 611.95

Abdomen
anatomy (continued)
zoology
gen. wks. 591.49
see also spec. animals
surgery *see* Abdominal surgery
Abdominal
pregnancies *see* Extrauterine pregnancies
surgery
animals
gen. wks. **636.089+**
see also spec. animals
man **617.55**
Abduction *see* Offenses
Abelian
functions *see* Elliptic functions
groups *sce* Groups
Abelmoschus
esculentum *see* Okra
Aberdeen Scotland *area* –412 5
Aberration
astronomy
corrections 522.94
see also spec. heavenly bodics
physics 535.323
Abhidhammapitaka *see* Tripitaka
Abiogenesis *see* Life
Abitibi Que.
Co. *area* –714 13
Ter. *area* –714 12
Abnormal
children *see* Exceptional children
psychology
animals †156.7
gen. wks. †157.1–.8
pedology †155.45+
Abnormalities *see* Teratology
Abolition
slavery *see* Slavery
Aborigines *see* Ethnology
Abortion
criminal *see* Offenses
Abortion (continued)
spontaneous
animals
vet. sci. 636.089+
zoology 591.2
see also spec. animals
man 618.33
see also Miscarriage
therapeutic *see* Therapeutic abortion
Abortionists *see* Offenders
Abrading-machinery
engineering
economics **338.47+**
technology
gen. wks. **621.92**
see also spec. branches
sce also spec. applications
Abrasions
injuries *see* Injuries
materials *see* Hardness
Abrasive
industries
engineering *see* Machine-shop practice
manufacturing *see* Abrasive materials
machinery *see* Abrading-machinery
materials
geology
gen. wks. 553.65
see also spec. minerals
manufacture
economics 338.47+
technology 666
see also spec. applications
surgery *see* Plastic surgery
Abreaction *see* Subconscious
Abruptio
placentae *see* Dystocia
Abruzzi e Molise Italy *area* –457 1
Absaroka Range Wyo.
gen. wks. *area* –787 4
see also other areas
Absences
employees *see* Employment conditions

Absentee
ownership
economics
industries 338.012
land 333.4
see also other spec. subj.
Absinthe *see* Spirits (alcoholic)
Absolute
democracy *see* Pure democracy
geometries
gen. wks. 513.81–.82
see also *s.s.*–015+
monarchy *see* Monarchical absolutism
temperature *see* Cryogenics
Absolution
penance *see* Sacraments
see also other spec. rites
Absolutism
monarchical *see* Monarchical absolutism
religion *see* Predestination
Absorber
oil *see* Petroleum products
Absorption
chem. tech. *see* Unit operations
physiology *see* Physiology
radiation *see spec. kinds of radiation*
sound *see* Acoustics
spectroscopy *see* Spectroscopy
surface properties *see* Surface phenomena
Abstinence
ethics **178**
religion *see* Religious experience
Abstract
algebra
gen. wks. **512.8**
see also *s.s.*–015+
art
gen. wks. 704.945
see also spec. art forms
groups *see* Groups
thought
philosophy 128.2
psychology †153.24
Abstractions *see* Abstract
Abutilon
fibers *see* Soft fibers
plant *see* Malvales
Abutments *see* Columnar constructions
Abyssinia *see* Ethiopia
Abyssinian
Church
religion 281.7
see also Church buildings
see also Ethiopic
Acacia
trees
culture 635.977+
forestry 634.973+
see also Leguminosae
Acacias *see* Leguminosae
Academic
degrees
gen. wks. **378.2**
govt. control
gen. wks. †350.85
see also spec. levels of govt.
see also *s.s.*–071 1
high schools *see* Secondary schools
robes *see* Garments
Academies (organizations) *see* Organizations
Academies (schools) *see* Secondary schools
Acadia
Nat. Park Me.
gen. wks. *area* –741 45
see also other areas
Par. La. *area* –763 56
Acanthaceae *see* Personales
Acanthocephala
culture †639.75+
paleozoology 565.1
zoology 595.133
Acanthopterygii
paleozoology 567.5
zoology 597.58
Acanthus *see* Personales
Acari
paleozoology 565.4
zoology 595.42

Acarnania Greece
ancient *area* –383
modern *area* –495 1
Accelerated-circulation
systems *see* Warm-air heating
Acceleration
biophysics *see* Biophysics
motion *see* Kinematics
particles *see* Particle acceleration
Accelerators *see* Particle acceleration
Accessioning
library functions 025.2
museum functions 069.52
see also other institutions
Accessory
sinuses
anatomy *see* Respiratory organs
diseases *see* Respiratory diseases
physiology *see* Respiration
Accident
insurance
govt.-sponsored **368.42**
voluntary **368.384**
see also Financial institutions
Accidents
catastrophic *see* Disasters
prevention *see* Safety measures
psychology †155.936
statistics *see* Demography
Acclimation
ecology *see* Ecology
hygiene
animals
gen. wks. 636.089+
see also spec. animals
man 613.119
Accomack Co. Va. *area* –755 16
Accompaniment (music)
gen. wks. 781.66
see also spec. mediums
Accomplished
redemption *see* Atonement
Accordions
manufacture
economics 338.47+
technology 681.81+
music 786.97
Accountability
government *see* Governmental accountability
religion
Christian 233.4
gen. wks. 291.22
see also other spec. rel.
see also other spec. aspects
Accounting (activity)
economics **338.47+**
technology **657**
Accounting
finance *see* Financial administration
wealth *see* National accounting
Acculturation *see* Culture
Accumulators
engineering
electric *see* Batteries
hydraulic 621.254
see also spec. applications
Acer
saccharum *see* Sugar maples
Aceraceae *see* Sapindales
Acetates
compounds *see* Esters
textiles *see* Cellulosics
Acetobacteriaceae *see* Eubacteriales
Acetylenics *see* Aliphatic compounds
Achaea Greece
ancient *area* –387
modern *area* –495 2
Achariaceae *see* Passiflorales
Achievement
tests *see* Mental tests
Achimenes *see* Personales
Achromatiaceae *see* Thiobacteriales
Acid
anhydrides *see* Acids
salts *see* Salts
Acidimetry *see* Volumetric analysis

Acids
chemistry
inorganic 546.24
organic 547.037
manufacture
economics **338.47+**
technology
inorganic **661.2**
organic **661.86**
pharmacology
gen. wks.
inorganic 615.2+
organic 615.3+
veterinary 636.089+
see also spec. products
Acipenseroidei
paleozoology 567.4
zoology 597.44
Acne *see* Sebaceous disorders
Acnidosporidia *see* Sporazoa
Acoela (Mollusca)
culture 639.48+
paleozoology 564.36
zoology 594.36
Acoela (Turbellaria) *see* Turbellaria
Aconcagua Chile *area* –832
Aconite
botany *see* Ranales
drugs *see* Botanical drugs
Acoustic
methods
physical exploration *see* Geophysical exploration
see also Sonar
properties
crystals 548.84
materials
construction 691
engineering
gen. wks. 620.112 9
see also spec. branches
matter **534**
see also Physical chemistry
Acoustics
architecture 729.29
biophysics *see* Biophysics
engineering **†620.2**
music 781.22
Acoustics (continued)
physics **534**
Acquisitions
library functions **025.2**
museum functions 069.51
see also other institutions
Acre Brazil *area* –811
Acrobatics
circuses *see* Circuses
gymnastics *see* Gymnastics
Acromegaly *see* Endocrine disorders
Acronyms
English language
abbreviations 421
lexicology **†422–423**
usage **†428**
see also other spec. languages
Acrostics *see* Puzzles
Acrylics
chemistry *see* Hydro-carbon derivatives
plastics *see* Polymerization plastics
textiles *see* Polymerization textiles
Acrylonitrile
rubbers *see* Elastomers
Actiniaria *see* Anthozoa
Actinidiaceae *see* Theales
Actinium *see* Rare-earths
Actinomycetaceae *see* Actinomycetales
Actinomycetales
botany 589.92
culture 635.939+
Actinomycosis *see* Fungus diseases
Actinopoda
culture †639.73+
paleozoology 563.1
zoology **593.13**
Actinopterygii
paleozoology 567.4
zoology **597.4**
Actinotherapy
animals
gen. wks. **636.089+**
see also spec. animals
man **615.842**
see also spec. diseases

Action
games
indoor
customs 394.3
gen. wks. 793.4
outdoor *see* Sports (recreation)
Activated
carbons *see* Adsorbent carbons
Activation
analysis *see* Radiochemical analysis
Activity
method *see* Project method
Acts
of Apostles
N.T.
gen. wks. **226.6**
pseudepigrapha **229.92**
liturgy
gen. wks. 264.3–.4
spec. denominations 264.01–.09
of Holy See *see* Religious law
Actuarial
science *see* Insurance
Acupuncture *see* Historic remedies
Acyclic
compounds *see* Aliphatic compounds
Acylation
chem. tech.
gen. wks. 660.284 4+
see also spec. products
chemistry 547.21
Ada Co. Ida. *area* –796 28
Adages *see* Proverbs (gen.)
Adagio
dances *see* Dancing
Adair Co.
Ia. *area* –777 73
Ky. *area* –769 675
Mo. *area* –778 264
Okla. *area* –766 89
Adamellites *see* Plutonic rocks
Adams Co.
Colo. *area*– 788 81
Ida. *area* –796 26
Ill. *area* –773 44
Ind. *area* –772 73
Adams Co. (continued)
Ia. *area* –777 76
Miss. *area* –762 26
Neb. *area* –782 397
N.D. *area* –784 89
O. *area* –771 86
Pa. *area* –748 42
Wash. *area* –797 34
Wis. *area* –775 56
Adana Turkey *see* Seyhan
Adaptability
psychology
aged people †155.672
children †155.413
gen. wks. †155.24
situational **†155.9**
sociology **301.3**
see also Ecology
Adaptive
control
systems *see* Closed-loop control systems
Adder's-tongue *see* Eusporangiated ferns
Addictions
ethics **178**
hygiene **613.8**
med. sci.
gen. wks. **616.86**
pediatrics **618.92+**
psychology
gen. wks. **†157.6**
pedology †155.45+
soc. customs
private 392.3
public 394.1
sociology
gen. wks. 301.47+
welfare **362.29**
see also Mental hygiene
Addicts *see* Addictions
Adding
machines *see* Digital machines
Addison Co. Vt. *area* –743 5
Addison's
disease *see* Endocrine disorders
Addition *see* Arithmetical operations

Addition-polymerization *see* Polymerization
Additives
pub. health **614.3**
use *see spec. industries*
Addresses *see* Speeches
Aden *area* –†533 5
Adenoids
anatomy *see* Respiratory organs
diseases *see* Respiratory diseases
physiology *see* Respiration
Adephaga
paleozoology 565.76
zoology 595.762
Adhesion
materials *see* Adhesives
suspensions *see* Colloids
Adhesives
glues *see* Glues
masonry materials
construction 691.99
engineering 620.199
see also Cementing materials
see also spec. applications
Adipose
tissues *see* Histology
Adirondack Mts. N.Y.
gen. wks. *area* –747 53
see also other areas
Adiyaman Turkey *area* –565
Adjutant general's
department *see* Top management
Administration
business **658**
government **350**
Administrative
accounting
economics **338.47+**
technology **657.4**
areas *see* Civic centers
law †340
responsibility *see* Governmental accountability
services
mil. sci. *see* Special services
Admiralty Isls. *area* –937
Admiralty
departments *see* Executive departments
law *see* Commerical law
Adobe *see* Sun-dried blocks
Adolescents *see* Young people
Adopted
children *see* Children
citizenship *see* Naturalization
Adoption
law *see* Family (institution) law
services 362.734
Adoxaceae *see* Saxifragales
Adrenal
drugs *see* Endocrine drugs
glands
anatomy
animals
vet. sci. 636.089+
zoology 591.44
see also spec. animals
man 611.45
diseases *see* Endocrine disorders
physiology *see* Endocrine glands
Adrenalin
drugs *see* Endocrine drugs
secretion *see* Adrenal glands
Adrenocorticotropic
drugs *see* Endocrine drugs
secretion *see* Adrenal glands
Adrianople *see* Edirne
Adriatic Sea *see* Atlantic Ocean
Adsorbent
carbons
processing
economics 338.47+
technology 662.93
see also spec. applications
charcoals *see* Adsorbent carbons
Adsorption
chem. analysis *see* Chromatographic analysis
chem. tech. *see* Unit operations

Adsorption (continued)
surface properties *see* Surface phenomena
Adult
education
gen. wks. **374**
govt. control
gen. wks. †350.85
see also spec. levels of govt.
Adulterations
control meas.
law 340
pub. health **614.3**
see also spec. products
Adultery
crime *see* Offenses
sex *see* Sex relations
Adults
psychology **†155.61–.64**
sociology **301.43**
see also other spec. aspects
Adunata *see* Crinoidea
Advanced
geometry *see* Post-Euclidean geometry
Advent
doctrines
incarnation 232.1
second coming 232.6
season *see* Liturgical year
Adventists
churches
religion **286.7**
see also Church buildings
Adventure
historic events
gen. wks. †904
see also spec. places
see also spec. subj.
Advertising
business
economics **338.47+**
technology **659.1**
illustration *see* Commercial art
Aegean Sea isls.
ancient *area* **–391**
modern *area* **–499**
Aepyornithiformes *see* Palaeognathae

Aerial
battles *see* Air warfare
bombardment *see* Air warfare
bridges *see* Movable bridges
mines *see* Low-velocity projectiles
photography
gen. wks. 778.352
see also Photogrammetry
railways *see* Special-purpose railways
reconnaissance *see* Air forces
surveying *see* Photogrammetry
Aerobic
respiration *see* Respiration
Aerodynamics
engineering
economics **338.47+**
technology **629.132 3**
see also Astronautics
mechanics **533.62**
meteorology 551.515 3
Aeromechanics *see* Aeronautics
Aeronautics
engineering
economics **338.47+**
technology **629.13**
physics **533.6**
Aerosols
gen. wks. *see* Colloids
meteorology
gen. wks. 551.511 3
see also spec. properties
products *see spec. products*
Aerostatics
engineering
economics 338.47+
technology 629.132 2
mechanics 533.61
meteorology 551.515 2
Aerosteam
engines *see* Engines
Aerotherapeutics
animals
gen. wks. 636.089+
see also spec. animals
man 615.836
see also spec. diseases

Aerotropism *see* Reflex actions
Aetolia Greece
ancient *area* –383
modern *area* –495 1
Affection
psychology *see* Emotions
virtues *see* Virtues
Afforestation *see* Forestation
Afghanistan *area* –†581
Africa *area* –6
African
ethnic groups *area* **–174+**
languages **496**
lingual groups *area* **–175+**
see also other spec. subj.
African sleeping sickness *see* Protozoan infections
African violets *see* Personales
Afrikaans *see* Germanic
Afro-Asian
bloc nations
geography 910.091+
history 909.09+
subj. treatment *area* –171 65
see also spec. nations
After-dinner
talks *see* Speeches
Afterimages *see* Optics
Afyon Turkey *area*–562
Agalega Indian Ocean *area*–694
Aganasterida *see* Ophiuroidea
Agar-agar *see* Gelatins
Agaricaceae *see* Agaricales
Agaricales
botany 589.222
paleobotany 561.92
Agavaceae *see* Agavales
Agavales
botany 584.43
floriculture 635.934+
Agave
plants
agriculture
economics 338.17+
technology
field crops 633.577
floriculture 635.934+
processing *see spec. prod.*
see also Agavales
sisalina *see* Agave plants

Agave (continued)
textiles
dyeing & printing
home econ. 640
technology **667.3**
manufacture
economics 338.47+
technology 677.1
Aged
people
diseases *see* Geriatrics
labor economics **331.398**
library services 027.622
physiology *see* Gerontology
psychology **†155.67**
soc. customs 392.9
sociology
gen. wks. 301.435
welfare services **362.61**
see also spec. subj.
Age-hardening
metals *see* Heat treatment
Agencies
government
gen. wks. **350.009**
see also spec. levels of govt.
Agency
law *see* Commercial law
Agent
middlemen *see* Wholesale marketing
Ageratums *see* Asterales
Aggeus (O.T.) *see* Minor prophets
Aggradation *see* Deposition
Aggregates
algebra *see* Numbers (symbols)
masonry *see* Artificial stones
petrology *see* Petrology
Aggregations
biology *see* Ecology
Aging *see* Gerontology
Agiotage *see* Trading procedures
Agnatha
paleozoology 567.2
zoology 597.2
Agnosia *see* Aphasias

Agnosticism
philosophy 149.72
religion
Christian heresy 273.8
gen. wks. 211.7
see also other spec. rel.
Agnus Dei *see* Mass (religion)
Agoutis *see* Hystricomorphs
Agranulocytoses *see* Blood diseases
Agri Turkey *area* –566 2
Agricultural
areas
geography *area* –173 4
planning
civic art 711.554
sociology 301.35
see also spec. areas
credit *see* Credit
industries *see* Agriculture (activity)
land
agriculture *see* Soils
economics
gen. wks. 333.76
see also Real estate
liability
insurance *see* Liability insurance
machinery *see* Agricultural tools
tools
agriculture
gen. wks. **631.3**
use **631.5**
see also spec. crops
manufacture
economics 338.47+
technology 681.7
marketing **658.809+**
Agriculture (activity)
technology **630**
see also Primary industries
Agriculture
departments *see* Executive departments
Agrigento Sicily *area* –458 22
Agronomy *see* Agriculture (activity)
Agrophia *see* Aphasias
Agrosteae *see* Pooideae
Agrostis *see* Bent grasses
Aguascalientes Mexico *area* –724
Ahvenanmaa Finland *see* Aland Isls.
Aichi Japan *area* –521 6
Aiken Co. S.C. *area* –757 75
Aikido *see* Unarmed combat
Ailanthus
trees
culture 635.977+
forestry 634.973+
see also Rutales
Ailerons *see* Airfoils
Aiming
guns *see* Gunnery
Ain France *area* –444 4
Ainu *see* Paleosiberian
Air
bases
engineering 623.66+
mil. sci. *see* Air forces
compression *see* Pneumatic engineering
compressors
engineering
economics 338.47+
technology
gen. wks. 621.51
see also spec. branches
see also spec. applications
conditioning
engineering
economics **338.47+**
technology
gen. wks. **697.93**
mines 622.42
ships 623.853 7
equipment
ind. management 658.25
manufacture *see spec. items*
spec. structures
households 644.5
libraries 022.8
schools *see* School buildings
currents *see* Winds

Air (continued)
engines
engineering
economics 338.47+
technology
gen. wks. 621.42
see also spec. branches
see also spec. applications
flow
aerodynamics
engineering
aircraft **629.132 32**
spacecraft 629.415 1
physics 533.62+
see also Meteorology
force
departments *see* Executive departments
forces
cookery *see* Institutional cookery
mil. sci.
gen. wks. **358.4**
see also spec. kinds of warfare
laws *see* Commercial law
masses *see* Atmospheric formations
motors *see* External-combustion engines
navigation *see* Navigation
pollution
counter-measures
economics **338.47+**
technology **†628.53**
pub. health **614.71**
quarantine *see* Quarantine
raids *see* Air warfare
rights
economics 333.92
law †341.57
screws *see* Propellers
sports
customs 394.3
performance **797.5**
temperatures *see* Temperatures
Air (continued)
terminal
buildings *see* Transportation buildings
transport
buildings *see* Transportation buildings
insurance *see* Transportation insurance
transportation *see* Transportation services
warfare
international law 341.37
mil. sci. **358.4**
see also history of spec. wars
see also Meteorology
Airbrush
painting *see* Painting arts
paintings *see* Paintings
Aircraft (vehicles)
architecture 725.99
construction
economics **338.47+**
technology
gen. wks. **629.133**
military **623.741–.746**
see also Transportation services
Aircraft
artillery pieces *see* Artillery (pieces)
bombs *see* Ammunition
carriers *see* Warships
insurance *see* Transportation insurance
psychology *see* Aviation psychology
Air-cushion
vehicles
architecture 725.99
construction
economics **338.47+**
technology
gen. wks. **629.32**
military **623.748**
see also Transportation services

Airdromes *see* Airports
Airedales *see* Terriers
Airfoils
  eng. & construction
    economics 338.47+
    technology
      gen. wks. 629.134 3
      military **623.746**
Airframes
  eng. & construction
    economics 338.47+
    technology
      aircraft
        gen. wks. 629.134 31
        military **623.746**
      missiles **623.451 9**
      spacecraft **629.46–.47**
Air-lift
  pumps *see* Pumps
Airline
  cookery *see* Quantity cookery
Airmail *see* Postal communication
Airplanes *see* Heavier-than-air aircraft
Airport
  construction
    engineering *see* Airports
    forces *see* Engineer forces
  insurance *see* Transportation insurance
  shop
    buildings *see* Transportation buildings
Airports
  eng. & construction
    economics **338.47+**
    technology
      gen. wks. **629.136**
      military **623.66**
  see also Transportation services
Air-raid
  shelters *see* Blastproof structures
  warning
    systems *see* Alarm systems
Airships *see* Lighter-than-air aircraft
Airstrips *see* Airports
Air-turbine
  engines *see* External-combustion engines
Airways transportation
  navigation *see* Navigation (operation)
  transportation *see* Transportation services
Aisne France *area* –443 45
Aitkin Co. Minn. *area* –776 72
Ajmer India *area* –544
Akaniaceae *see* Sapindales
Akershus Norway *area* –482
Akita Japan *area* –521 1
Akkadian
  ethnic groups *area* –174+
  languages 492.1
  lingual groups *area* –175+
  see also other spec. subj.
Alabama (state) ***area* –761**
Alabama River Ala.
  gen. wks. ***area* –761 2**
  see also other areas
Alabamine *see* Halogen
Alabaster *see* Gypsum
Alachua Co. Fla. *area* –759 79
Aladdin-oven
  cookery *see* Special-equipment cookery
Alagoas Brazil *area* –813
Alamance Co. N.C. *area* –756 58
Alameda Co. Calif. *area* –794 65
Alamosa Co. Colo. *area* –788 36
Aland Isls. Finland *area* –471 3
Alangiaceae *see* Umbelliflorae
Alarm
  systems
    civil defense *see* Civil defense
    communication *see* Telecommunication
    engineering
      economics 338.47+
      technology
        gen. wks. 621.389 2
        military **623.73**
    see also Communication
Alaska (state) ***area* –798**
Alaska Range Alaska
  gen. wks. *area* –798 3
  see also other areas

Alaskan
  malamutes *see* Working dogs
Alastrim *see* Eruptive fevers
Alaudidae
  paleozoology 568.8
  zoology 598.812
Álava Spain *area* –466 5
Alb *see* Vestments
Albacete Spain *area* –467 71
Albacores
  culture 639.37+
  fishing
    industry 639.27+
    sports 799.17+
  food
    cookery 641.6+
    gen. wks. 641.39+
  see also Acanthopterygii
Albania (ancient country) *area* –395
Albania (modern country) *area* –496 5
Albanian
  ethnic groups *area* –174+
  language **491.991**
  lingual groups *area* –175+
  see also other spec. subj.
Albany Co.
  N.Y. *area* –747 42
  Wyo. *area* –787 95
Albatrosses *see* Pelagic birds
Albemarle
  Co. Va. *area* –755 48
  Sound N.C. ***area* –756 1**
Albert
  Co. N.B. *area* –715 31
  Nyanza
    gen. wks. *area* –676 1
    see also other areas
Alberta ***area* –712 3**
Albigensian
  Church 284.4
  see also Heresies
Albinism *see* Skin disorders
Albuminoids *see* Proteins
Albumins *see* Proteins
Alcae *see* Charadriiformes
Alcantarines *see* Franciscans
Alcedines *see* Coraciiformes
Alchemy
  chemistry 540.1
  occultism 133.43
  philosophy 117
Alcoholic
  beverages *see spec. kinds*
Alcoholism *see* Addictions
Alcohols
  chemistry 547.031
  manufacture
    economics **338.47+**
    technology **661.82**
  pharmacology
    gen. wks. **615.3**
    veterinary **636.089+**
  see also spec. products
Alcona Co. Mich. *area* –774 79
Alcorn Co. Miss. *area* –762 99
Alcyonaria *see* Anthozoa
Aldabra Isl. Indian Ocean *area* –694
Aldehydes
  chemistry 547.036
  manufacture
    economics **338.47+**
    technology **661.85**
  pharmacology
    gen. wks. **615.3**
    veterinary **636.089+**
  see also spec. products
Alder
  trees
    culture 635.977+
    forestry 634.973+
    see also Fagales
Aldoses *see* Sugars
Ale *see* Beers
Alençon
  lace *see* Openwork fabrics
Alentejo Portugal ***area* –469 5**
Aleppo Syria *area* –†569 1
Alessandria Italy *area* –451 4
Alethopteris
  gen. wks. 561.597
  see also *s.s.*–015+
Aleurone
  grains *see* Cytology
Aleutian Isls. Alaska *area* –798 4
Aleutian (subject) *see* Eskimo-Aleut

Alexander Co.
  Ill. *area* –773 999
  N.C. *area* –756 795
Alexandria Va. *area* –755 296
Alexia *see* Aphasias
Alfalfa Co. Okla. *area* –766 22
Alfalfas
  agriculture
    economics 338.17+
    technology **633.31**
  fodder
    gen. wks. 636.086
    see also spec. animals
  see also Leguminosae
Algae
  botany 589.3
  culture 635.93+
  paleobotany 561.93
Algarve Portugal *area* –469 6
Algebra
  gen. wks. **512**
  see also *s.s.*–015+
Algebraic
  equations *see* Equations
  functions *see* Complex variables
  geometry *see* Analytical geometry
Alger Co. Mich. *area* –774 93
Algeria ***area* –65**
Algicides *see* Pesticides
Algoma District Ont. *area* –713 13
Algonkian-Mosan
  ethnic groups *area* –174+
  languages 497.3
  lingual groups *area* –175+
  see also other spec. subj.
Algonkin *see* Algonkian-Mosan
Algonquin Provincial Park
  gen. wks. *area* –713 147
  see also other areas
Algonquin (subject) *see* Algonkian-Mosan
Algorisms *see* Arithmetical operations
Alicante Spain *area* –467 65
Alicyclic
  compounds
    chemistry **547.51–.58**
    manufacture
      economics 338.47+
      technology 661.815

Alicyclic
  compounds (continued)
    pharmacology
      gen. wks. **615.3**
      veterinary **636.089+**
    see also spec. products
Aliens
  gen. wks. *see* Immigrants
  pol. sci. *see* Nationality
Alimentary
  canal *see* Digestive tract
Aliphatic
  compounds
    chemistry **547.4**
    manufacture
      economics 338.47+
      technology 661.814
    pharmacology
      gen. wks. **615.3**
      veterinary **636.089+**
    see also spec. products
Alismataceae *see* Alismatales
Alismatales
  botany 584.721
  floriculture 635.934+
Alkahest *see* Alchemy
Alkali
  metals
    chemistry **546.38**
    geology *see spec. metals*
    industries
      manufacturing
        economics 338.47+
        technology 673.725
      metallurgy
        economics 338.47+
        technology 669.725
      mining *see spec. metals*
    metallography *see* Alkali metals properties
    mineralogy *see spec. minerals*
    mining *see spec. metals*
    products *see spec. subj.*
    properties
      chemistry **546.38**
      engineering 620.189 6
      metallography 669.957+
      see also Radiochemistry
Alkalimetry *see* Volumetric analysis

Alkaline
  earth metals
    chemistry **546.39**
    geology *see spec. metals*
    industries
      manufacturing
        economics 338.47+
        technology 673.725
      metallurgy
        economics 338.47+
        technology 669.725
      mining *see spec. metals*
    metallography *see* Alkaline earth metals properties
    mineralogy *see spec. minerals*
    mining *see spec. metals*
    products *see spec. subj.*
    properties
      chemistry **546.39**
      engineering 620.189 6
      metallography 669.957+
      see also Radiochemistry
Alkalis
  chem. tech. **661.32–.35**
  chemistry **546.38–.39**
  see also Bases (proton acceptors)
Alkaloidal
  plants
    agriculture
      economics **338.17+**
      technology **633.7**
    botany
      gen. wks. **581.63**
      see also spec. plants
Alkaloids
  chemistry 547.72
  pharmacology *see* Botanical drugs
Alkanes *see* Aliphatic compounds
Alkenes *see* Aliphatic compounds
Alkines *see* Aliphatic compounds
Alkylation
  chem. tech.
    gen. wks. 660.284 4+
    see also spec. products
  chemistry 547.21

Alkynes *see* Aliphatic compounds
All
  Saints' Day *see* Holy days
  Souls' Day *see* Holy days
Allah *see* God
Allamakee Co. Ia. *area* –777 33
Allegan Co. Mich. *area* –774 14
Allegany Co.
  Md. *area* –752 94
  N.Y. *area* –747 84
Alleghany Co.
  N.C. *area* –756 83
  Va. *area* –755 81
Allegheny
  Co. Pa. *area* –748 85
  Mts.
    gen. wks. ***area* –748 7**
    W. Va. ***area* –754 8**
  River
    gen. wks. ***area* –748 6**
    see also other areas
Allegory
  art
    gen. wks. 704.946
    see also spec. art forms
  Bible
    gen. wks. 220.68
    see also spec. parts
  literature
    gen. wks. 808.801 5
    see also spec. literatures
Allen
  Co.
    Ind. *area* –772 74
    Kan. *area* –781 94
    Ky. *area* –769 73
    O. *area* –771 42
  Par. La. *area* –763 58
Allendale Co. S.C. *area* –757 77
Allergenic
  plants
    agricultural pests 632.5
    botany
      gen. wks. 581.67
      see also spec. plants
Allergies
  animals
    gen. wks. **636.089+**
    see also spec. animals

Allergies (continued)
man
medicine **616.97**
pediatrics **618.92+**
Alleys *see* Trafficways
Alliaceous
plants
agriculture
economics 338.17+
technology 635.25–.26
food 641.35+
processing *see spec. products*
see also Liliales
Allied
fire
insurance lines
gen. wks. **368.12**
see also Financial institutions
forces *see* Combat units
Allier France *area* –445 7
Alligator
pears *see* Avocados
Alligators *see* Crocodiles
Alliopteris
gen. wks. 561.597
see also *s.s.*–015+
Allium
cepa *see* Alliaceous plants
Alloiocoela *see* Turbellaria
Allopathy
gen. wks. 615.531
see also spec. diseases
Allotheria
gen. wks. **569.1**
see also *s.s.*–015+
Allotrignathi *see* Acanthopterygii
Allotropy *see* Isomers
Allowances
mechanical *see* Tolerances
monetary *see* Wages
Alloys
chemistry
gen. wks. 546.37
physical 541.345 13
fabrication *see* Alloys industries
Alloys (continued)
industries
economics **338.47+**
manufacturing **671**
metallurgy **669**
metallography *see* Alloys properties
properties
chemistry
gen. wks. 546.37
see also spec. alloys
engineering **620.16**
metallography **669.95**
see also Colloids
Allspice
agriculture
economics †338.17+
technology †633.83
food †641.338+
processing *see spec. products*
see also Myrtales
Alluvial
mining
gen. wks. 622.32
see also spec. ores
Almanacs
gen. *see* Serials
nautical *see* Ephemerides
Almería Spain *area* –468 1
Almonds
agriculture
economics 338.17+
technology 634.55
food 641.34+
processing *see spec. products*
see also Rosales
Almshouses
management 658.91+
welfare 362.5
Alodium *see* Private land
Aloes
agriculture
economics 338.17+
technology 633.88+
drugs *see* Botanical drugs
see also Liliales
Alopecia *see* Scalp disorders
Alpaca
woolens *see* Specialty textiles
Alpacas *see* Llamas
Alpena Co. Mich. *area* –774 81

Alpenhorns *see* Horns
Alpes-Maritimes France *area* –449 4
Alpha
cellulose
chemistry *see* Polysaccharides
manufacture
economics 338.47+
technology 676.4
marketing 658.809+
see also spec. applications
decay *see* Transmutations
Alphabetic
catalogs
books **017–019**
see also *s.s.*–†021 6
Alphabets
decorative *see* Lettering
linguistics
gen. wks. †411
see also spec. languages
printing tech. **655.108**
Alpine Co. Calif. *area* –794 43
Alpine
plants
botany *see spec. plants*
floriculture
gen. wks. 635.952
see also spec. plants
troops *see* Infantry
Alpinism *see* Outdoor life
Alps
gen. wks. ***area* –494 7**
see also other areas
Alsace France ***area* –443 83**
Alstroemeriaceae *see* Alstroemeriales
Alstroemeriales
botany 584.42
floriculture 635.934+
Altai
Mts.
gen. wks. *area* –517
see also other areas
Ter. Siberia *area* –573
Altaic
ethnic groups ***area* –174+**
languages **494.1–.3**
lingual groups ***area* –175+**
see also other spec. subj.
Altamaha River Ga.
gen. wks. *area* –758 756
see also other areas
Altars
gen. wks. *see* Sacred furniture
symbols *see* Emblems
Alterations
financial instruments *see* Forgeries
Alternating-current
machinery
engineering
economics 338.47+
technology 621.313 3
manufacture
economics 338.47+
technology 681.7
see also spec. applications
motors
generators *see* Alternating-current machinery
prime movers 621.4
transmission
engineering
economics 338.47+
technology 621.319 13
Alternation
of generations *see* Reproduction
Althaea *see* Malvales
Altimeters
aircraft equipment †629.135 2
eng. & construction
economics 338.47+
technology 621.28
see also spec. applications
Alto
Adige Italy *see* Bolzano
Alentejo Portugal *area* –469 52
Paraná Paraguay *area* –892 1
Altruism
philosophy 171.8
religion
Christian 241.4
see also other spec. rel.
Alumina *see* Refractory materials
Aluminographs *see* Prints

Aluminography *see* Planographic processes
Aluminum
alloys
manufacture
economics **338.47+**
technology **673.722**
metallurgy 669.722
properties
chemistry **546.673**
engineering 620.186
metallography 669.957+
art metalwork 739.57
bronze *see* Copper alloys
compounds
chemistry **546.673**
manufacture 661.06+
pharmacology
gen. wks. 615.2+
veterinary 636.089+
see also Organic chemistry
copper alloys *see* Aluminum alloys
engraving *see* Planographic processes
engravings *see* Prints
fabrication *see* Aluminum industries
geology
gen. wks. †553.492
mineralogy *see spec. minerals*
industries
extractive
metallurgy 669.722
mining
economics †338.27+
technology †622.349+
manufacturing
economics **338.47+**
technology **673.722**
metabolism *see* Micronutrient elements
metallography *see* Aluminum properties
mineralogy *see* Aluminum geology
mining *see* Aluminum industries
products *see spec. subj.*

Aluminum (continued)
properties
chemistry **546.673**
engineering 620.186
metallography 669.957+
see also Radiochemistry
Alums *see* Salts
Alumstone *see* Alunite
Alunite
mineralogy 549.755
see also Salts
Alvsborg Sweden *area* –486
Amaas *see* Eruptive fevers
Amador Co. Calif. *area* –794 42
Amalgams *see* Mercury (metal) alloys
Amambay Paraguay *area* –892 1
Amapá Brazil *area* –811
Amarantaceae *see* Chenopodiales
Amaranths *see* Chenopodiales
Amaryllidaceae *see* Amaryllidales
Amaryllidales
botany 584.25
floriculture 635.934+
Amaryllis *see* Amaryllidales
Amasya Turkey *area* –563
Amateur
radio stations *see* Broadcasting stations
workshops *see* Home workshops
Amaurotic
idiocy *see* Mental deficiency
Amazon River
gen. wks. ***area* –811**
Peru *area* –854
Amazonas
Brazil *area* –811
Colombia *area* –861 7
Peru *area* –854
Venezuela *area* –876
Ambari
hemp fibers *see* Soft fibers
Amber
carvings 736.6
see also Fossil gums
Ambergris
perfumery *see* Perfumes
Ambivalence *see* Subconscious
Amblystomoidea *see* Urodela

Ambrotype
process *see* Special-process photography
Ambulance
services
gen. wks. 362.18
mil. sci. *see* Special services
Ambulances *see* Motor vehicles
Ambush
tactics *see* Battle tactics
Amelia Co. Va. *area* –755 634
Amenorrhea *see* Menstruation disorders
American Falls Res. Ida.
gen. wks. *area* –796 49
see also other areas
American
chestnuts *see* Chestnuts
football *see* Football
Indians *see* Amerindians
Legion *see* Patriotic societies
mountain
fever *see* Tick fever
Party *see* Political parties
Americium *see* Rare-earths
Amerindians
ethnic groups *area* –174+
history
North America **†970.1–.5**
South America **†980.1–.5**
languages **497–498**
lingual groups *area* –175+
see also other spec. aspects
Amethyst
mineralogy 549.68
see also Semiprecious stones
Amharic *see* Ethiopic
Amherst Co. Va. *area* –755 496
Amice *see* Vestments
Amides *see* Esters
Amination
chem. tech.
gen. wks. 660.284 4+
see also spec. products
chemistry 547.25
Amindivi Isls. India *area* –†548 1
Amines *see* Nitrogen compounds
Amioidea
paleozoology 567.4
zoology 597.41

Amirantes Indian Ocean *area* –695
Amish *see* Mennonites
Amite Co. Miss. *area* –762 24
Amitosis *see* Cytology
Ammeters *see* Current measurements
Ammodytoidea *see* Acanthopterygii
Ammonia *see* Bases (proton acceptors)
Ammonites *see* Ammonitoidea
Ammonitoidea
gen. wks. 564.53
see also *s.s.*–015+
Ammonium
compounds *see* Nitrogen compounds
fertilizers
agriculture
gen. wks. **631.84**
see also spec. crops
manufacture
economics **338.47+**
technology **668.62+**
marketing **658.809+**
Ammunition
customs *see* War customs
factories *see* Military buildings
limitation *see* Armament limitation
manufacture
economics **338.47+**
technology **623.45**
mil. sci.
gen. wks. 355.82
tech. forces *see* Technical forces
see also spec. mil. branches
Ammunition-ships *see* Government vessels
Amnesias *see* Hysterias
Amnesty *see* Reformative measures
Amniotic
fluid *see* Embryology
Amoeba *see* Sarcodina
Amoebiasis *see* Dysenteries
Amoebic
dysentery *see* Dysenteries
Amoebina *see* Sarcodina

Amortization
calculations *see* Business arithmetic
Amos (O.T.) *see* Minor prophets
Ampelidaceae *see* Rhamnales
Ampere
measurements *see* Current measurements
Ampere-hour
meters *see* Current measurements
Amphibia
paleozoology 567.6
zoology 597.6
see also spec. animals
Amphibian
planes *see* Heavier-than-air aircraft
Amphibians
culture 639.376–.379
hunting
industries †639.13
sports 799.279+
see also Amphibia
Amphibious
landing craft *see* Warships
warfare
gen. wks. 359.96
see also hist. of spec. wars
Amphiboles
mineralogy 549.66
see also Refractory materials
Amphibolites *see* Metamorphic rocks
Amphicoela *see* Anura
Amphidiscophora *see* Porifera
Amphilothales *see* Pyrrophyta
Amphineura *see* Crepipoda
Amphipoda
culture 639.5
paleozoology 565.37
zoology 595.371
Amphitheaters *see* Recreation buildings
Amplification
electronics *see* Circuitry
Amplifiers *see* Circuitry
Amplitude
modulation *see* Circuitry
Amplitude-modulation
systems *see* Telecommunication
Amputees *see* Crippled
Amsterdam Isl. Indian Ocean *area* –†699
Amulets *see* Talismans
Amur Siberia *area* –†577
Amusement
centers *see* Recreational land
park buildings *see* Park buildings
parks *see* Recreational land
Amusements *see* Recreational activities
Amusia *see* Aphasias
Amvets *see* Military societies
Amygdalus persica *see* Peaches
Amylases *see* Enzymes
Ana *see* Collected writings
Anabantoidea *see* Acanthopterygii
Anabaptists
religion 284.3
see also Church buildings
Anabolism *see* Metabolism
Anacanthini *see* Acanthopterygii
Anacardiaceae *see* Sapindales
Anacardium
occidentale *see* Cashew nuts
Anaerobic
respiration *see* Respiration
Anagrams *see* Puzzles
Analgesics *see* Neurotic drugs
Analog
instruments
engineering †621.381 957
managerial use 658.507
mathematics 510.782
office equipment 651.26
see also ***s.s.–015+***
Analogy
logic 169
psychology †153.43
religion
gen. wks. 219
see also spec. rel.

Analysis
chemistry *see* Analytical chemistry
mathematics
calculus 517
geometry 516
see also ***s.s.–015+***
physics
sound waves 534.44–.45
see also Vibrations
see also Reasoning
Analysis situs *see* Topology
Analytic *see* Analytical
Analytical
accounting *see* Administrative accounting
chemistry
gen. wks. 543–545
organic 547.3
pharmacy
med. sci. 615.190 15
vet. sci.
gen. wks. 636.089+
see also spec. animals
geometry
gen. wks. 516
see also ***s.s.–015+***
Anamnia
paleozoology 567
zoology 597
Ananas
sativus
fibers *see* Pineapple fibers
fruit *see* Pineapples
Anaphase
stage *see* Cytology
Anaphrodisiacs *see* Genital drugs
Anaphylactic
shock *see* Allergies
Anaphylaxis *see* Allergies
Anapsida
paleozoology 568.13
zoology 598.13
Anarchism *see* Ideal states
Anatolian
ethnic groups *area* –174+
language 491.99
lingual groups *area* –175+
see also other spec. subj.
Anatomy
biology
animals 591.4
gen. wks. 574.4
plants 581.4
see also spec. organisms
cells *see* Cytology
laws *see* Vivisection
med. sci.
animals
gen. wks. 636.089+
see also spec. animals
man 611
Ancash Peru *area* –852
Ancestry *see* Genealogy
Anchor
ice *see* Ice forms
Anchorage Alaska *area* –798 3
Anchorages *see* Harbors
Anchors *see* Nautical equipment
Ancient
civilization *see* Ancient world
history
church 270.1
gen. 930
medicine *see* Historic remedies
world
geography †913
history 930
Ancistrocladaceae *see* Theales
Ancona Italy *area* –456 71
Andalusia Spain *area* –468
Andalusite
mineralogy 549.62
see also Refractory materials
Andaman Isls. India *area* –548 8
Andamanese *see* Negrito
Anderson Co.
Kan. *area* –781 67
Ky. *area* –769 46
S.C. *area* –757 25
Tenn. *area* –768 73
Tex. *area* –764 229
Andes *area* –8
Andesites *see* Volcanic rocks
Andhra Pradesh India *area* –†548 4
Andorra *area* –467 9

Andreaeales *see* Musci
Andrew Co. Mo. *area* –778 126
Andrews Co. Tex. *area* –764 856
Andropogon *see* Sorghums
Andropogoneae *see* Panicoideae
Androscoggin Co. Me. *area* –741 8
Androsterone *see* Endocrine drugs
Anemias *see* Blood diseases
Anemometers
  manufacture
    economics 338.47+
    technology 681.2
  meteorology 551.517
  physics 533.8
  see also spec. applications
Anemones *see* Ranales
Anesthetics *see* Neurotic drugs
Aneurysms *see* Vascular disorders
Angelina Co. Tex. *area* –764 173
Angelology
  folklore 398.4
  religion
    Christian 235.3
    gen. wks. 291.215
    see also other spec. rel.
Angels *see* Angelology
Anger
  faults *see* Evils
  psychology *see* Emotions
Angina pectoris *see* Cardiac disorders
Angiology
  blood vessels *see* Blood vessels
  lymphatics *see* Lymphatic system
Angiospermae
  botany 582.13
  paleobotany 561.2
Angles
  geometry **513–516**
  structural form *see* Structural forms
Anglesey Wales *area* –429 1
Anglesite
  mineralogy 549.752
  see also Lead geology
Anglican
  churches
    religion **283**
    see also Church buildings
Angling *see* Fishing
Anglo-Saxon
  ethnic groups *area* –174+
  language **429**
  lingual groups *area* –175+
  see also other spec. subj.
Angola ***area* –673**
Angora
  woolens *see* Specialty textiles
Angoumois France *area* –446 5
Angra do Heroísmo Azores *area* –469 9
Anguilla West Indies *area* –†729 73
Angus Scotland *area* –413 1
Anhalt Germany *area* –431 9
Anharmonics
  geometry
    gen. wks. 516.56
    see also *s.s.*–015+
  music 781.1
  physics *see* Wave motions
  see also Noise
Anhidrosis *see* Skin disorders
Anhimae *see* Anseriformes
Anhwei China *area* –512 25
Anhydrides
  acid *see* Acids
Anhydrite
  mineralogy 549.752
  see also Calcium geology
Anhydrotics *see* Secretory drugs
Anhydrous
  sulfates
    mineralogy 549.752
    see also Sulfur geology
Animal
  behavior *see* Animal psychology
  black *see* Adsorbent carbons
  life
    arts
      gen. wks. 704.943 2
      see also spec. art forms
    see also Ecology
  magnetism *see* Hypnotism
  oils *see* Fixed oils

Animal (continued)
  performances
    circuses *see* Circuses
    ethics 175.6
    gen. wks. **791.8**
    see also Stunt animals
  physiology *see* Physiology
  psychology
    gen. wks. **†156.2–.7**
    see also Ecology
  reserves *see* Wildlife reserves
  sacrifice *see* Sacrificial offerings
  shelters *see* Welfare
  viruses *see* Viruses
  waxes *see* Waxes
Animals
  folklore
    hist. & criticism 398.369
    legends 398.24
    see also Literature
  fossil **560**
  hunting *see* Hunting
  husbandry **636–638**
  imaginary *see* Imaginary animals
  zoology *see* Zoological sciences
Animism
  philosophy 147
  religion
    gen. wks. 291.211
    see also spec. rel.
Anion
  separation *see* Systematic separations
Anis *see* Cuckoos
Anise
  seeds
    agriculture
      economics 338.17+
      technology 635.7
    food 641.35+
    processing *see spec. products*
  see also Umbelliflorae
Aniseed *see* Anise seeds
Aniseikonia *see* Defective vision
Anjou France *area* –441 8
Ankara Turkey *area* –†563
Annamese *see* Austroasian
Annam-Muong *see* Austroasian
Annapolis Co. N.S. *area* –716 33
Annatto
  trees
    culture 635.977+
    forestry 634.973+
    see also Bixales
Anne
  mother of Mary
    gen. wks. 232.933
    see also spec. aspects
Anne Arundel Co. Md. *area* –752 55
Annealing
  metals *see* Heat treatment
Annelida
  culture **†639.75+**
  paleozoology 565.1
  zoology **595.14**
Annihilationism
  philosophy 129.6
  religion
    Christian †236.23
    gen. wks. 291.23
    see also other spec. rel.
Annobón *area* –669 96
Announce
  systems *see* Public address systems
Annual
  publications *see* Serials
Annuals (plants)
  botany **582.1**
  floriculture 635.931
  landscaping **712–716**
  see also spec. plants
Annuities
  administration *see* Financial institutions
  insurance **368.37**
  pensions *see* Pension systems
Annunciation
  to Mary *see* Mariology
Anodynes *see* Neurotic drugs
Anoka Co. Minn. *area* –776 65
Anomalies *see* Teratology
Anomalodesmacea *see* Pelecypoda
Anomocoela *see* Anura

Anomura
culture 639.54+
paleozoology 565.38
zoology 595.384 4
Anonaceae *see* Anonales
Anonaceous
fruits
agriculture
economics 338.17+
technology 634.41
food 641.34+
see also Anonales
Anonales
botany 583.115
floriculture 635.933+
Anopla *see* Nemertia
Anoplura
paleozoology 565.75
zoology 595.751 2
Anostraca *see* Branchiopoda
Anseres *see* Anseriformes
Anseriformes
paleozoology 568.4
zoology 598.4
Anson Co. N.C. *area* –756 75
Ant
lions
culture 638.57+
see also Megaloptera
Antacids *see* Gastroenteric drugs
Antakya Turkey *area* –564
Antarctic
waters
geography
gen. wks. 910.091+
physical †910.02+
geology 551.469
regional hist. 909.09+
regional subj. treatment *area* –166 9
Antarctica *area* –99
Anteaters *see* Edentates
Antelope Co. Neb. *area* –782 55
Antelopes
conservation 639.97+
culture 636.293
hunting
industries 639.11+
sports 799.27+
see also Bovoidea
Antennas
engineering
economics 338.47+
technology
radio 621.384 135
television 621.388 3+
see also spec. applications
Antepartum
care *see* Prenatal care
Anterior
chamber *see* Fibrous tunics
pituitary
drugs *see* Endocrine drugs
Anthelmintics *see* Gastroenteric drugs
Anthems *see* Choral music
Anthocerotales
botany 588.32
floriculture 635.938+
paleobotany 561.8
Anthologies *see* Collected writings
Anthophyllite *see* Refractory materials
Anthophyta *see* Angiospermae
Anthozoa
culture †639.73+
paleozoology 563.6
zoology 593.6
Anthracenes *see* Aromatic compounds
Anthracite
coal *see* Coals
Anthrax *see* Zoogenous diseases
Anthropogenesis *see* Organic evolution
Anthropogeny *see* Organic evolution
Anthropogeography
biology 572.9
psychology †155.89
sociology 301.453
Anthropoidea
paleozoology 569.8
zoology 599.82
Anthropology
criminal *see* Criminal anthropology

Anthropology (continued)
cultural *see* Culture
physical *see* Physical anthropology
social *see* Culture
Anthropometry
anthropology 573.6
crime detection 364.125
medicine 616.075 4
Anthroposophy *see* Mysticism
Antiaircraft
artillery
forces *see* Artillery forces
pieces *see* Artillery (pieces)
cruisers *see* Warships
Antiasthmatic
drugs *see* Respiratory drugs
Antibiotics
chemistry 547.76
pharmacology
gen. wks. 615.329
veterinary 636.089+
see also spec. applications
Antichrist *see* Demonology
Anticoagulants
blood *see* Cardiovascular drugs
Anticosti Isl. Que. *area* –†714 17
Anticyclogenesis *see* Atmospheric formations
Anticyclones *see* Atmospheric formations
Antidiaphoretics *see* Secretory drugs
Antidiuretics *see* Uretic drugs
Antiemetics *see* Gastroenteric drugs
Antienzymes
biochemistry *see* Biochemistry
chemistry 547.7
Anti-Federalist
Party *see* Political parties
Antigonish Co. N.S. *area* –716 14
Antigua West Indies *area* –†729 74
Antilles *see* West Indies
Antilogarithms *see* Evolution
Antimalarials *see* Antipyretics
Antimissile
missiles *see* Guided missiles
Antimonial
lead *see* Lead alloys
Antimoniates *see* Antimony compounds
Antimonic *see* Antimony compounds
Antimonides
chemistry *see* Antimony compounds
mineralogy
gen. wks. 549.32
see also Antimony geology
Antimonites *see* Antimony compounds
Antimonous *see* Antimony compounds
Antimony
compounds
chemistry
inorganic 546.716
organic 547.05
manufacture
inorganic 661.07+
organic 661.895
pharmacology
gen. wks.
inorganic 615.2+
organic 615.3
veterinary 636.089+
fabrication *see* Antimony industries
geology
gen. wks. 553.47
mineralogy
element 549.25
minerals *see spec. minerals*
industries
extractive
metallurgy 669.75
mining 622.34+
manufacturing
economics 338.47+
technology 673.75
metallography *see* Antimony properties
mineralogy *see* Antimony geology
mining *see* Antimony industries
products *see spec. subj.*

Antimony (continued)
properties
chemistry **546.716**
engineering 620.189 5
metallography 669.957+
see also Radiochemistry
Antinauseants *see* Gastroenteric drugs
Antinomianism *see* Heresies
Antioch Turkey *see* Antakya
Antioquia Colombia *area* –861 2
Antiperiodics *see* Antipyretics
Antipersonnel
mines *see* Low-velocity projectiles
Antiphonal
readings *see* Responsive readings
Antipitharia *see* Anthozoa
Antipodes Isls. N.Z. *area* –931 1
Antipyretics
pharmacodynamics
med. sci. 615.75
vet. sci.
gen. wks. 636.089+
see also spec. animals
see also Pharmacology
Antiquarian
book trade *see* Book trade
Antiques
gen. wks. †745.1
see also spec. art forms
Antiquities
gen. wks. *see* Ancient world
law 340.3
Antirabic
vaccines *see* Serums
Anti-Semitism
pol. sci. 323.119+
psychology 155.9
sociology 301.451+
Antiseptics
external *see* External medicinals
Antisialogogues *see* Secretory drugs
Antismallpox
vaccines *see* Serums
Antisocial
compulsions *see* Personality disorders
Antispasmodics *see* Neurotic drugs
Antisynclines *see* Synclines
Antitank
artillery
forces *see* Artillery forces
pieces *see* Artillery (pieces)
mines *see* Low-velocity projectiles
Antitoxins *see* Serums
Anti-Trinitarianism *see* Unitarianism
Antivenins *see* Serums
Antlerite
mineralogy 549.755
see also Copper geology
Antofagasta Chile *area* –831
Antonyms
English language
lexicology **†422–423**
usage **†428**
see also other spec. languages
Antrim Co.
Ireland *area* –416 1
Mich. *area* –774 85
Ants
agricultural pests 632.7
culture 638.57+
see also Formicidae
Antwerp Belgium *area* –493 2
Anura
paleozoology 567.8
zoology 597.8
Anus *see* Proctology
Anxiety
neuroses *see* Hysterias
psychology *see* Emotions
Anzoátegui Venezuela *area* –875
Aomori Japan *area* –521 1
Aortitis *see* Cardiac disorders
Aosta Italy *see* Val d'Aosta
Apache Co. Ariz. *area* –791 37
Apachean *see* Na-Dene
Apalachicola River Fla.
gen. wks. *area* –759 92
see also other areas
Apartment
buildings *see* Residential buildings

Apartment (continued)
house
districts *see* Residential areas
houses *see* Public accommodations
Apatite
fertilizers *see* Phosphorus fertilizers
mineralogy 549.72
Aperients *see* Gastroenteric drugs
Apes
conservation **639.97+**
culture **636.9+**
experimental med.
animals 636.089+
man 619.98
hunting
industries **639.11+**
sports **799.27+**
see also Pongidae
Apetalae *see* Monochlamydeae
Aphasias
med. sci.
gen. wks. **616.855 2**
pediatrics **618.92+**
psychology
gen. wks. **†157.5+**
pedology †155.45+
see also Mental hygiene
Aphasmidia *see* Nematoidea
Aphids
agricultural pests 632.7+
culture 638.57+
see also Homoptera
Aphrodisiacs *see* Genital drugs
Apiculture *see* Honeybees
Apidae
paleozoology 565.79
zoology 595.799
Apium
graveolens rapaceum *see* Celeriac
Aplacophora (Annelida) *see* Polychaeta
Aplacophora (Mollusca) *see* Crepipoda
Apocalypses
N.T. *see* Revelation
Apocalypses (continued)
pseudepigrapha
N.T. **229.94**
O.T. **229.913**
Apocrypha
Bible **229**
liturgy
gen. wks. 264.3–.4
see also spec. denominations
Apocynaceae *see* Apocynales
Apocynales
botany 583.72
floriculture 635.933+
Apocynum
fibers *see* Soft fibers
plant *see* Apocynales
Apoda (Amphibia)
paleozoology 567.7
zoology 597.7
Apoda (Crustacea) *see* Cirripedia
Apoda (Echinodermata) *see* Holothurioidea
Apodes
paleozoology 567.5
zoology 597.51
Apodi *see* Apodiformes
Apodiformes
paleozoology 568.8
zoology 598.899
Apogee *see* Orbits
Apologetics
religion
Christian **239**
gen. wks. 291.2
see also other spec. rel.
see also other spec. subj.
Aponogetonaceae *see* Aponogetonales
Aponogetonales
botany 584.743
floriculture 635.934+
Apostasiaceae *see* Haemodorales
Apostasies *see* Heresies
Apostolic
Church
church history **270.1–.3**
gen. wks. 281.1
epistles *see* Catholic epistles

Apostolic (continued)
fathers *see* Apostolic Church
succession *see* Apostolicity
Apostolicity
gen. wks. 262.72
polity 262.11
Appalachian Mts.
gen. wks. *area* **–74**
see also spec. ranges
Appanoose Co. Ia. *area* –777 89
Apparatus *s.s.*–028
Apparel *see* Garments
Apparitions *see* Ghosts
Appeals
employee *see* Employer-employee relationships
Appellate
procedure
law *see* Judicial system
Appendicitis *see* Intestinal disorders
Appendix
vermiform *see* Intestines
Appenzell Switzerland *area* –494 7
Apperception *see* Perception
Appetizers *see* Auxiliary foods
Applejack *see* Spirits (alcoholic)
Apples
agriculture
economics †338.17+
technology **†634.11**
food †641.34+
processing *see spec. products*
see also Rosales
Appleton
layers *see* Ionosphere
Applied
arts *see* Minor arts
chemistry *see* Chemical technology
electrochemistry *see* Electrochemistry
electronics *see* Electronics
geology *see* Economic geology
linguistics
gen. wks. **418**
see also spec. languages
Applied (continued)
nutrition
livestock
gen. wks. 636.085 2
see also spec. animals
man
hygiene **613.2**
gen. wks. **641.1**
physics *see* Engineering (science)
psychology
gen. wks. **†158**
see also *s.s.*–019
Appling Co. Ga. *area* –758 784
Appliqué *see* Embroidery
Appomattox Co. Va. *area* –755 625
Appraisals *see* Surveys
Apprentice
labor †331.55
training 331.861
Apprenticeship *see* Apprentice
Approach
piloting *see* Navigation
Appropriations *see* Budgets
Approximate
calculations *see* Equations
Apraxia *see* Aphasias
Apricots
agriculture
economics 338.17+
technology **634.21**
food 641.34+
processing *see spec. products*
see also Rosales
Aprons (clothing) *see* Dress accessories
Aprons (surfaces) *see* Auxiliary pavements
Apses *see* Church buildings
Apterygiformes
paleozoology 568.5
zoology 598.54
Aptitude
tests
education **371.264**
psychology **†153.94**
Aptitudes
psychology **†153.9**
see also Personality

Apulia Italy
ancient *area* –377
modern ***area* –457 5**
Apure Venezuela *area* –874
Apurimac Peru *area* –852
Aqaid *see* Dogmatism
Aquaplaning *see* Boating
Aquarium
fishes
culture 639.34
zoology **597**
see also spec. fishes
plants *see* Water gardens
Aquatic
biology *see* Hydrographic biology
plants *see* Hydrophytes
sports
customs 394.3
performance **797.1–.2**
Aquatinting
arts 766.3
industry 655.318
Aquatints *see* Prints
Aqueous
humor *see* Eyeball
Aquifoliaceae *see* Celastrales
Aquila Italy *area* –457 11
Aquilegia *see* Ranales
Aquitaine France *see* Guienne
Arabia
ancient
Deserta *area* –394 7
Petraea *area* –394 8
modern ***area* –53**
Arabian
Desert Egypt *area* –623
Sea *see* Indian Ocean
Arabic
ethnic groups *area* –174+
language **492.7**
lingual groups *area* –175+
see also spec. subj.
Arabinose *see* Sugars
Araceae *see* Arales
Arachis
hypogaea *see* Peanuts
Arachnida
paleozoology **565.4**
zoology **595.4**
Arachnids
culture 639.5
disease carriers *see* Disease carriers
see also Arachnida
Arachnoid *see* Brain
Aragon Spain ***area* –465 5**
Aragonite
mineralogy 549.785
see also Calcium geology
Aragua Venezuela *area* –873
Arales
botany 584.64
floriculture 635.934+
Araliaceae *see* Umbelliflorae
Aramaic
ethnic groups ***area* –174+**
languages **492.2–.3**
lingual groups ***area* –175+**
see also other spec. subj.
Araneida
paleozoology 565.4
zoology 595.44
Aransas Co. Tex. *area* –764 12
Arapahoe Co. Colo. *area* –788 82
Arapaimas
culture 639.37+
fishing
industries 639.27+
sports 799.17+
see also Isospondyli
Arauca Colombia *area* –861 3
Araucariaceae *see* Coniferales
Araucarias *see* Coniferales
Arauco Chile *area* –834
Arbitrage *see* Foreign exchange
Arbitration *see* Conciliation practices
Arborvitae
culture
gen. wks. 635.935+
trees 635.977+
forestry 634.975 9+
see also Coniferales
Arbuckle Mts. Okla.
gen. wks. ***area* –766 5**
see also other areas
Arbutus *see* Ericales

Arc
furnaces *see* Electric furnaces
lighting *see* Electric lighting
Arcades *see* Arches
Arcadia Greece
ancient *area* –388
modern *area* –495 2
Arch
bridges
eng. & construction
economics **338.47+**
technology **624.6**
see also Bridges
Archaeoceti *see* Cetacea
Archaeocyatha *see* Porifera
Archaeogastropoda *see* Prosobranchia
Archaeopteris
gen. wks. 561.597
see also *s.s.*–015+
Archaeornithes
gen. wks. 568.22
see also *s.s.*–015+
Archangel RSFSR *area* –472
Archangels *see* Angelology
Archangiaceae *see* Myxobacteriales
Archbishops *see* Clergy
Archean
era *see* Pre-Cambrian eras
Archeology
Biblical 220.93
gen. wks. †913
modern *see geography of spec. places*
prehistoric *see* Ancient world
Archeozoic
era *see* Pre-Cambrian eras
Archer Co. Tex. *area* –764 543
Archery *see* Shooting (activities)
Arches
architecture
element 721.41
structures 725.96
construction
economics 338.47+
technology 690.5+
Arches (continued)
engineering
gen. wks. 624.177 5
see also spec. branches
Archiannelida *see* Annelida
Archichlamydeae
botany **583.1**
floriculture **635.933+**
paleobotany 561.3
Archimedes' principle *see* Hydrostatics
Architarbi
gen. wks. 565.49
see also *s.s.*–015+
Architectural
construction
gen. wks. **721**
see also Construction
drawing *see* Technical drawing
orders *see* Columnar constructions
subjects
arts
gen. wks. 704.944
see also spec. art forms
Architecture
art **720**
engineering *see* Structural engineering
Archival
materials *see* Archives (records)
Archive
buildings *see* Government buildings
Archives (records)
business treatment 651.56
government treatment 350.714
library treatment 025.171
Archosauria
gen. wks. 568.19
see also *s.s.*–015+
Archuleta Co. Colo. *area* –788 32
Arcs *see* Electric arc
Arctic
lands ***area* –98**
Ocean
geography
gen. wks. 910.091+
physical †910.02+

Arctic
Ocean (continued)
geology 551.468
regional hist. 909.09+
regional subj. treatment *area* –166 11
Arctic
photography *see* Cold-weather photography
plants
botany **581.9+**
floriculture 635.952
see also spec. plants
Arcyriaceae *see* Myxomycophyta
Ardeae *see* Ciconiiformes
Ardèche France *area* –448 2
Ardennes
France *area* –443 1
gen. wks. *area* –493 4
Luxembourg *area* –493 5
Area
planning *see* Planning
surveying *see* Boundary surveying
Arenac Co. Mich. *area* –774 73
Areolar
tissues *see* Histology
Arequipa Peru *area* –853
Arezzo Italy *area* –455 9
Argenteuil Co. Que. *area* –714 23
Argentina ***area* –82**
Argentite
mineralogy 549.32
see also Silver geology
Argentum *see* Silver
Arges Romania *area* –498 2
Argillaceous
rocks *see* Sedimentary rocks
Argolis Greece
ancient *area* –388
modern *area* –495 2
Argon *see* Rare gases
Argonne France
gen. wks. *area* –443 8
see also other areas
Argot *see* Dialectology
Argument *see* Persuasion
Argyll Scotland *area* –413 8
Ariana (ancient region) *area* –396
Arianism *see* Heresies
Arid
land *see* Deserts
Ariège France *area* –448 8
Aristocracy
class *see* Social classes
education *see* Exceptional children
gen. wks. **929.7**
heraldry *see* Heraldry
pol. sci. 321.5
see also spec. areas
Aristolochiaceae *see* Aristolochiales
Aristolochiales
botany 583.922
floriculture 635.933+
Aristotype
process *see* Special-process photography
Arithmetic
gen. wks. **511**
study & teaching
elementary ed. 372.72
see also ***s.s.*–07**
see also ***s.s.*–015+**
Arithmetical
operations
gen. wks. **511.2**
see also ***s.s.*–015+**
progressions *see* Proportion
Arizona ***area* –791**
Arkabutla Res. Miss.
gen. wks. *area* –762 85
see also other areas
Arkansas (state) ***area* –767**
Arkansas
Co. Ark. *area* –767 86
River
Colo. *area* –788 53
gen. wks. ***area* –767 3**
Kan. ***area* –781 4**
Okla. ***area* –766 8**
Arlington Co. Va. *area* –755 295
Armadillos *see* Edentates
Armagh Ireland *area* –416 6
Armament
limitation
international law 341.67
pol. sci. 327
Armaments *see* Arms

Armature
winding *see* Armatures (electricity)
Armatures (art) *see* Sculpture
Armatures (electricity)
engineering †621.316
physics 537.64
Armchairs *see* Furniture
Armed
forces *see* Defense
neutrality *see* Neutrality
Armed-services
cookery *see* Institutional cookery
Armenia
ancient *area* –395 5
modern *area* –566 2
Armenian
Church *see* Monophysite churches
ethnic groups *area* –174+
language †491.992
lingual groups *area* –175+
see also other spec. subj.
Armies *see* Organizational units
Arminian
Church 284.9
see also Heresies
Armor
art metalwork 739.75
customs 399
industries
economics **338.47+**
technology 623.4
mil. sci.
gen. wks. 355.82
tech. forces *see* Technical forces
see also spec. mil. branches
Armored
cars *see* Motor vehicles
forces
mil. sci.
gen. wks. 358.18
see also spec. kinds of warfare
trains *see* Trains

Armored (continued)
vehicles
military
engineering †623.747 5
science
gen. wks. 355.83
see also spec. mil. branches
vessels *see* Warships
Armorial
bearings *see* Heraldic design
Armor-piercing
projectiles *see* Special-purpose projectiles
Armory
buildings *see* Military buildings
Arms
art metalwork **739.7**
customs *see* War customs
govt. control *see* Public order
industries
economics **338.47+**
technology 623.4
limitation *see* Armament limitation
mil. sci.
gen. wks. 355.82
tech. forces *see* Technical forces
see also spec. mil. branches
practice *see* Training maneuvers
Armstrong Co.
Pa. *area* –748 88
Tex. *area* –764 833
Army (The) *see* Land forces
Army
cookery *see* Institutional cookery
departments *see* Executive departments
of the Cumberland *see* Hereditary societies
worms
agricultural pests 632.7+
culture 638.57+
see also Frenatae

Aromatic
compounds
chemistry 547.6
manufacture
economics 338.47+
technology 661.816
pharmacology
gen. wks. 615.3
veterinary 636.089+
see also spec. products
herbs *see* Herbs
Aromatization
chem. tech.
gen. wks. 660.284 4+
see also spec. products
chemistry 547.21
Aroostook Co. Me. *area* –741 1
Arquebuses *see* Small arms
Arrangement (music)
gen. wks. 781.64
see also spec. mediums
Arrested
mental development *see* Mental deficiency
Arrhenalthenum *see* Pooideae
Arrow Rock Res. Ida.
gen. wks. *area* –796 29
see also other areas
Arrow
grasses *see* Juncaginales
Arrowroot
agriculture
economics 338.17+
technology 633.68
food 641.336+
processing *see spec. products*
starches *see* Polysaccharides
see also Zingiberales
Arsenal
buildings *see* Military buildings
Arsenates
chemistry *see* Arsenic compounds
minerals *see* Arsenic geology
Arsenic
compounds
chemistry
inorganic 546.715
organic 547.05

Arsenic
compounds (continued)
manufacture
inorganic 661.07+
organic 661.895
pharmacology
gen. wks.
inorganic 615.2+
organic 615.3
veterinary 636.089+
fabrication *see* Arsenic industries
geology
gen. wks. 553.47
mineralogy
element 549.25
minerals
gen. wks. 549.72
see also spec. minerals
industries
extractive
metallurgy 669.75
mining 622.347
manufacturing
economics 338.47+
technology 673.75
metallography *see* Arsenic properties
mineralogy *see* Arsenic geology
mining *see* Arsenic industries
products *see spec. subj.*
properties
chemistry 546.715
engineering 620.189 5
metallography 669.957+
see also Radiochemistry
Arsenicals *see* Arsenic compounds
Arsenopyrite
mineralogy 549.32
see also Arsenic geology
Arsenous *see* Arsenic compounds
Arsines *see* Arsenic compounds
Arson
crime *see* Offenses
psychopathic *see* Personality disorders
Arsonists *see* Offenders

Art
metalwork
arts **739**
handicraft 745.56
papers *see* Paper products
see also Creative arts
Arta Greece *area* –495 3
Arterial
injections *see* Parenteral medication
Arteries *see* Blood vessels
Arteriosclerosis *see* Vascular disorders
Arthabaska Co. Que. *area* –714 565
Arthritis *see* Joints (anatomical)
Arthropoda
paleozoology 565.2
zoology 595.2
Arthrostraca *see* Eumalacostraca
Arthur Co. Neb. *area* –782 785
Arthurian
legends *see* Mythology
Artichokes
agriculture
economics 338.17+
technology 635.32
food 641.35+
processing *see spec. products*
see also Asterales
Articulata (Brachiopoda) *see* Brachiopoda
Articulata (Crinoidea) *see* Crinoidea
Articulations
joints *see* Joints (anatomical)
ligaments *see* Ligaments
Artifacts
archeology *see* Ancient world
Artificial
eyes
manufacture
economics 338.47+
technology 681.4
ophthalmology *see* Prosthetic ophthalmology
harbors *see* Harbors
Artificial (continued)
insemination
animals 636.082 45
man 618.17
see also Sexual ethics
islands
engineering
economics 338.47+
technology 627.98
see also spec. applications
languages
gen. wks. **†499.99**
literature **†899+**
see also other spec. subj.
leathers *see* Water-repellent fabrics
light
photography *see* Indoor photography
limbs
gen. wks. *see* Orthopedic appliances
legs *see* Orthopedic footwear
ponds *see* Water bodies
precipitation
physical geology †551.68
see also spec. applications
satellites
engineering
economics 338.47+
technology
crafts 629.46
flights 629.434
weather prediction †551.635 4
see also other spec. applications
stones
construction indus.
economics **338.47+**
technology **693.5**
manufacture
economics **338.47+**
technology **666.89**
materials
construction 691.3–.4
engineering **620.13–.14**
see also spec. applications
weather control
physical geology †551.68
see also spec. applications

Artigas Uruguay *area* –895 3
Artigue
process *see* Special-process photography
Artillery (pieces)
art metalwork 739.74+
customs 399
industries
economics **338.47+**
technology **623.41**
mil. sci.
gen. wks. 355.82
tech. forces *see* Technical forces
see also spec. mil. branches
Artillery
ammunition *see* Ammunition
forces
mil. sci. **358.1**
see also spec. kinds of warfare
installations *see* Military buildings
Artiodactyla
paleozoology 569.73
zoology **599.73**
Artisans *see* Craftsmen
Artocarpus altilis *see* Breadfruit
Artois France *area* –442 7
Arts
creative *see* Creative arts
industrial *see* Industrial arts
manual *see* Manual arts
mil. recreation *see* Special services
religion
Christian **246–247**
gen. wks. 291.37
see also other spec. rel.
Aruba West Indies *area* –729 86
Arums *see* Arales
Aryan *see* Indo-Iranian
Arylation
chem. tech.
gen. wks. 660.284 4+
see also spec. products
chemistry 547.21
Asbestos
geology
gen. wks. 553.67
mineralogy
gen. wks. 549.67
see also spec. minerals
industries
extractive
ceramics 666.72
mining
economics 338.27+
technology 622.3+
manufacturing
papers *see* Building papers
textiles *see* Mineral textiles
mineralogy *see* Asbestos geology
mining *see* Asbestos industries
products
manufacturing *see* Asbestos industries
see also spec. applications
properties
construction 691.95
engineering 620.195
see also Refractory materials
Asbestosis *see* Respiratory diseases
Ascariasis *see* Nematoda infestations
Ascension
Isl. *area* –†973
Par. La. *area* –763 19
Ascension (religion)
of Jesus Christ
gen. wks. 232.97
see also spec. aspects
see also Assumption
Ascension
Thursday *see* Holy days
Asceticism *see* Religious experience
Aschelminthes
culture †639.75+
paleozoology 565.1
zoology 595.18
Aschheim-Zondek
test *see* Obstetrics

Ascidiacea *see* Tunicata
Asclepiadaceae *see* Apocynales
Ascoli Piceno Italy *area* –456 75
Ascomycetes
botany 589.23
paleobotany 561.92
Asconosa *see* Porifera
Ascorbic
acid *see* Vitamins
Ascorhynchomorpha *see* Pycnogonida
Ascothoracica *see* Cirripedia
Asellota *see* Isopoda
Asexual
reproduction *see* Reproduction
Ash
trays *see* Smokers' supplies
trees
culture 635.977+
forestry 634.973+
see also Loganiales
Wednesday *see* Holy days
Ashe Co. N.C. *area* –756 835
Ashland Co.
O. *area* –771 29
Wis. *area* –775 21
Ashley Co. Ark. *area* –767 83
Ashtabula Co. O. *area* –771 34
Ashuanipi Ter. *area* –†719
Asia *area* –5
Asia Minor
ancient *area* –392–393
modern *area* –561
Asian
cholera *see* Enteric diseases
ethnic groups *area* –174+
languages **491–495**
lingual groups *area* –175+
see also other spec. subj.
Asotin Co. Wash. *area* –797 42
Asparagus
agriculture
economics 338.17+
technology **635.31**
food 641.35+
processing *see spec. products*
see also Liliales
Aspen Ridge Ida.
gen. wks. *area* –796 45
see also other areas
Aspen
trees
culture 635.977+
forestry 634.973+
see also Salicales
Asphalts
gen. wks. *see* Mineral waxes
petroleum *see* Petroleum products
properties
construction 691.96
engineering 620.196
see also spec. applications
Asphyxia
prevention *see* Safety measures
treatment *see* Injuries
Aspidochirota *see* Holothurioidea
Aspidogastrea *see* Trematoda
Aspidorhynchoidea *see* Holostei
Assam India *area* –541 62
Assamese
dialects *see* Burmese
language *see* Prakrits
Assassination
ethics 179.7
see also Offenses
Assassins *see* Offenders
Assateague Isl.
gen. wks. *area* –752 21
see also other areas
Assault *see* Offenses
Assay
methods
pharmacology
med. sci. 615.190 18
vet. sci.
gen. wks. 636.089+
see also spec. animals
see also spec. drugs
practices
metallurgy *see* Chemical metallurgy
Assemblages
algebra *see* Numbers (symbols)
Assemblies (organizations) *see* Organizations

Assemblies
legislative *see* Legislative bodies
Assemblies of God *see* Recent Christian sects
Assembly
halls *see* Recreation buildings
rights *see* Civil rights
Assembly-line
methods *see* Operational management
Assens Denmark *area* –489 4
Asses
husbandry 636.18
see also Equidae
Assimilation
biology *see* Metabolism
Assiniboine River
gen. wks. *area* –712 73
see also other areas
Associated
charities *see* Community welfare
Association
football *see* Football
rights *see* Civil rights
Associationism *see* Reductionism
Associations (organizations) *see* Organizations
Associations
biology *see* Ecology
Assumption Par. La. *area* –763 43
Assumption
of Mary *see* Mariology
of Moses
Bible *see* Prophetic books
Koran *see* Koran
see also Ascension (religion)
Assyro-Babylonian *see* Akkadian
Astasiaceae *see* Euglenophyta
Astatine *see* Halogen
Asterales
botany 583.55
floriculture 635.933+
Asteroidea
culture †639.73+
paleozoology 563.93
zoology 593.93
Asteroids *see* Minor planets
Asters *see* Asterales
Asthenic
reactions *see* Hysterias
Asti Italy *area* –451 5
Astigmatism *see* Defective vision
Astrakhan RSFSR *area* –478 5
Astrapotheria *see* Protungulata
Astringents
cosmetics *see* Cosmetics
medicinals *see* External medicinals
Astrobiology
gen. wks. 523.13
see also spec. celestial bodies
Astrodynamics *see* Celestial dynamics
Astrolabes
astronomy 522.41
manufacture
economics 338.47+
technology 681.2
see also spec. applications
Astrology
astronomy †520.9
folklore
hist. & criticism 398.362
legends 398.2
occultism **133.5**
Astronautics
engineering
economics **338.47+**
technology
gen. wks. **†629.4**
mil. 623.749
see also Celestial dynamics
Astronavigation *see* Celestial navigation
Astronomical
coordinates *see* Coordinates
geography *see* Terrestrial astronomy
Astronomy
Bible
gen. wks. 220.68
see also spec. parts
science **520**
Astrophotography *see* Photography

Astrophysics
gen. wks. 523.013
see also spec. eelestial bodies
Asturias Spain *area* –461 9
Asunción Paraguay *area* –892 1
Asylums *see* Welfare
Asynchronous
machinery *see* Alternating-current machinery
Atacama Chile *area* –831
Atacamite
mineralogy 549.4
see also Copper geology
Atascosa Co. Tex. *area* –764 443
Atavism
biology *see* Genetics
Atchison Co.
Kan. *area* –781 36
Mo. *area* –778 11
Athabascan *see* Na-Dene
Athabaska (lake)
gen. wks. *area* –712 41
see also other areas
Athabaska River Alta. *area* –712 32
Atharvaveda *see* Vedas
Atheism
philosophy 149
theology 211.8
Athens, Greece *see* Attica
Athens Co. O. *area* –771 97
Athletic
club
buildings *see* Recreation buildings
fields *see* Recreational land
games *see* Sports (recreation)
wounds *see* Injuries
Athos (mount) Greece *area* –495 6
Atkinson Co. Ga. *area* –758 82
Atlantic
Coastal Plain U.S.
gen. wks. *area* **–75**
see also other areas
Co. N.J. *area* –749 84
Ocean
geography
gen. wks. **910.091+**
physical **†910.02+**
geology 551.461–.464
isls. *area* **–97**
Atlantic
Ocean (continued)
regional hist. **909.09+**
regional subj. treatment *area* **–166 1**
region
geography 910.091+
history 909.09+
subj. treatment *area* –182 1
see also spec. areas
Atlántico Colombia *area* –861 1
Atlantis *see* Imaginary places
Atlas Mts.
gen. wks. *area* –644
see also other areas
Atlases *see* Graphic illustrations
Atmosphere
geology *see* Physical geology
regional subj. treatment *area* **–161**
Atmospheric
circulation *see* Circulation
electricity
climatology †551.64+
meteorology **551.561–.564**
formations
climatology †551.64+
meteorology **551.551**
moisture *see* Humidity
pressure *see* Barometry
radiation *see* Heat transfer
Atoka Co. Okla. *area* –766 66
Atolls *see* Islands
Atomic
chemistry *see* Atoms
energy *see* Nuclear energy
power *see* Nuclear energy
structure *see* Atoms
theory *see* Atoms
war
conduct *see* Nuclear warfare
planning *see* Strategy
weapons *see* Firearms
Atomism
philosophy 146.5
science 501
Atoms
chemistry 541.24
physics 539.14

Atonement
religion
Christian 232.3
gen. wks. 291.22
see also other spec. rel.
see also Redemption
Atrophies
gen. wks. *see* Teratology
symptoms *see* Symptomatology
Atropine *see* Botanical drugs
Attacks
mil. sci. *see* Battle tactics
Attala Co. Miss. *area* –762 644
Attention
learning *see* Learning
perception *see* Perception
Attica Greece
ancient *area* –385
modern *area* **–495 1**
Attitudes *see* Sentiments
Aube France *area* –443 31
Aubergines *see* Eggplants
Auckland, N.Z. *area* –931 22
Auckland Isls. *area* –931 1
Auction
bridge *see* Card games
catalogs
books **017–019**
see also *s.s.*–†029
companies *see* Wholesale marketing
Auctions *see* Distribution channels
Aude France *area* –448 7
Audiology
med. sci. 617.89
music 781.22
physiology **612.85**
psychology
animals **†156.2+**
gen. wks. **†152.15**
see also Acoustics
Audio-visual
materials
library treatment **025.177**
teaching use
gen. wks. **371.33**
see also spec. levels of ed.
see also *s.s.*–†022
treatment *s.s.*–020 8
Auditing
finance *see* Financial administration
internal *see* Administrative accounting
public *see* Public accounting
Audition
physiology *see* Ears
psychology *see* Audiology
Auditoriums *see* Recreation buildings
Auditory
canal
diseases
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man **617.83**
see also External ear
perception
psychology *see* Audiology
Audrain Co. Mo. *area* –778 33
Audubon Co. Ia. *area* –777 486
Auglaize Co. O. *area* –771 43
Augsburg
Diet *see* Reformation
Augusta Co. Va. *area* –755 91
Augustianian
Recollects *see* Augustinians
Augustinians
history
men 271.4
women 271.979
see also Religious congregations
Auks
culture 636.6
hunting
industries 639.12+
sports 799.248+
see also Charadriiformes
Aunis France *area* –446 4
Aureomycin *see* Antibiotics
Auricles (heart) *see* Heart
Auricles (ears)
diseases
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals

Auricles (ears)
diseases (continued)
man 617.82
see also External ear
Aurora Co. S.D. *area* –783 375
Auroras
geomagnetism 538.768
meteorology 551.561
Aurum *see* Gold
Au Sable River Mich. *area* –774 7
Ausdehnungslehre *see* Space mathematics
Ausonium *see* Rare-earths
Aust-Agder Norway *area* –482
Austerities
economics *see* Underconsumption
religions *see* Religious experience
Austin Co. Tex. *area* –764 25
Austral Isls. *see* Tubuai Isls.
Australia *area* –94
Australian
ballot *see* Ballot systems
ethnic groups *area* –174+
languages †499.15
lingual groups *area* –175+
see also other spec. subj.
Australian pitcher plants *see* Saxifragales
Austria *area* –436
Austrian
Succession War
gen. wks. 940.253 2
see also spec. countries
Austroasian
ethnic groups 174+
languages 495.92–.95
lingual groups 175+
see also other spec. subj.
Austronesian
ethnic groups *area* –174+
languages 499.2–.5
lingual groups *area* –175+
see also other spec. subj.
Autarchy *see* Monarchical absolutism
Autarky *see* Planning production
Autauga Co. Ala. *area* –761 46
Autecology *see* Ecology
Author
catalogs
books 018
see also *s.s.*–†021 6
Authoritarian
ethics
philosophy 171.1
religion
Christian 241.2
see also other spec. rel.
states *see* Totalitarian states
Autobiographies *see* Biographies
Autoclaves *see* Process equipment
Autocracy *see* Monarchical absolutism
Autogyros *see* Heavier-than-air aircraft
Autohypnotism *see* Hypnotism
Automat
buildings *see* Restaurant buildings
Automatic
control
engineering
economics 338.47+
technology
gen. wks. 629.8
see also spec. branches
see also spec. applications
digital
computers *see* Digital machines
factories *see* Factory operations
rifles *see* Small arms
Automation
engineering *see* Automatic control
production
economics
gen. wks. 338.064
see also spec. industries
management *see* Operational management
sociological effects 301.24
Automats *see* Public accommodations

Automobile
cars *see* Trains
cavalry *see* Mechanized cavalry
driving *see* Motoring
insurance *see* Transportation insurance
racing *see* Motoring
Automobiles *see* Motor vehicles
Automobiling *see* Motoring
Automorphic
functions *see* Complex variables
Automotive
land vehicles *see* Motor vehicles
Autonomic
nervous system
anatomy *see* Neuroanatomy
diseases *see* Neurological diseases
physiology *see* Neurophysiology
Autopsies
animals
gen. wks. 636.089+
see also spec. animals
man 616.075 9
see also Forensic medicine
Autosuggestion *see* Hypnotism
Autotype
printing *see* Relief processes
Autunite
mineralogy 549.72
see also Rare-earths geology
Auvergne France *area* –445 9
Auxiliary
foods
cookery 641.81
food tech. 664.58
pavements
engineering
economics 338.47+
technology 625.88
see also Trafficways
Auxins *see* Endocrine drugs
Avalanche
disasters
history
gen. wks. 904.5
see also spec. places
welfare services 361.5
Avalanches *see* Snow formations
Avarice *see* Evils
Aveiro Portugal *area* –469 35
Avellino Italy *area* –457 21
Avena *see* Oats
Aveneae *see* Pooideae
Avery Co. N.C. *area* –756 86
Aves
paleozoology 568.2
zoology 598.2
Avestan *see* Iranian
Aveyron France *area* –447 4
Aviation
engineering *see* Heavier-than-air aircraft
gasolines *see* Petroleum products
insurance *see* Transportation insurance
psychology †155.965
Aviculture *see* Birds
Aviets *see* Heavier-than-air aircraft
Ávila Spain *area* –463 59
Avitaminoses *see* Nutritional diseases
Avocados
agriculture
economics 338.17+
technology 634.653
food 641.34+
processing *see spec. products*
see also Laurales
Avocets *see* Charadriiformes
Avoyelles Par. La. *area* –763 71
Awards
gen. wks. †001.44
students
gen. wks. †371.89
see also spec. levels of ed.
see also *s.s.*–079
Axioms *see* Proverbs (gen.)

Axles
engineering *see* Bearings
gen. wks. *see* Simple machines
Ayacucho Peru *area* –852
Aydin Turkey *area* –562
Ayr Scotland *area* –414 2
Aysén Chile *area* –836
Azaleas *see* Ericales
Azerbaijan
Iran
East *area* –553
West *area* –554
USSR *area* –479 1
Azimuth *see* Coordinates
Azlons *see* Protein textiles
Azo
compounds *see* Nitrogen compounds
Azores *area* –469 9
Azotobacteriaceae *see* Eubacteriales
Aztec *see* Macro-Penutian
Aztecs *see* Amerindians
Azuay Ecuador *area* –866 2
Azurite
mineralogy 549.785
see also Copper geology

B

B vitamins *see* Vitamins
Babbitt metal *see* Tin alloys
Babeuf
socialism *see* Ideal states
Babies'-breath *see* Caryophyllales
Babirussas
conservation 639.97+
culture 636.9+
hunting
industries 639.11+
sports 799.27+
see also Suiformes
Babism
culture groups
geography 910.091+
history 909.09+
subject treatment *area* –176+
philosophy 181.07+
religion †297.88
Baboons *see* Apes
Babouvist
socialism *see* Ideal states
Baby
foods *see* Special-purpose cookery
Baby-sitting *see* Child care
Baca Co. Colo. *area* –788 99
Bacau Romania *area* –498 1
Baccarat *see* Card games
Bachelors *see* Men
Bachelor's buttons *see* Asterales
Bacillaceae *see* Eubacteriales
Bacillariophyceae
botany 589.62
culture 635.939+
paleobotany 561.93
Bacillary
dysentery *see* Dysenteries
intoxications
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.931**
pediatrics **618.92+**
pub. health **614.51**
Bacitracin *see* Antibiotics
Backbone *see* Bones
Backgammon
equipment *see* Recreational equipment
games *see* Dice games
Backyards
landscaping *see* Landscape architecture
Bacon Co. Ga. *area* –758 787
Bacon *see* Red meats
Bacteria
gen. wks. *see* Schizomycetes
medicine *see* Medical bacteriology
Bacteriaceae *see* Eubacteriales
Bacterial
blood diseases
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals

Bacterial
blood diseases (continued)
man
medicine **616.94**
pediatrics **618.92+**
pub. health 614.5
diseases
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
gen. wks. 574.2
man
medicine **616.92**
pediatrics **618.92+**
pub. health **614.54**
plants
agriculture 632.3
botany 581.232 2
see also spec. plants
relapsing fevers *see* Relapsing fevers
viruses *see* Viruses
Bactericides *see* Pesticides
Bacterins *see* Serums
Bacteriological
warfare *see* Biological warfare
Bacteriology
gen. wks. *see* Schizomycetes
medical *see* Medical bacteriology
Bacteriophages *see* Viruses
Bactria *area* –396
Badajoz Spain *area* –462 7
Baden-Württemberg Germany *area* –434 6
Badgers *see* Mustelines
Badlands
N.D. *area* –784 9
S.D.
gen. wks. *area* –783 93
see also other areas
Badminton
equipment *see* Recreational equipment
game *see* Racket games
Baffin Bay *see* Arctic Ocean
Bag
papers *see* Paper products
Bagasse *see* Fuels
Baggage
cars *see* Trains
insurance *see* Transportation insurance
services *see* Transportation services
Bagot Co. Que. *area* –714 525
Bagpipes
manufacture
economics 338.47+
technology 681.81+
music †788.9
Bags
paper *see* Converted paper products
Baguios *see* Storms
Bahai faith *see* Bahaism
Bahaism
culture groups
geography 910.091+
history 909.09+
subject treatment *area* –176+
philosophy 181.07+
religion **297.89**
Bahama Isls. *area* –729 6
Bahawalpur Pakistan *area* –†549 16
Bahia Brazil *area* –814
Bahr el Ghazal Sudan *area* –629 4
Bahrein *area* –†536 5
Bail *see* Judicial system
Bailey Co. Tex. *area* –764 844
Bailey
bridges *see* Girder bridges
Bailiffs *see* Police
Bailment
law *see* Private law
Bait
casting *see* Fishing
Baixo Alentejo Portugal *area* –469 55
Baja California Mexico *area* –722
Baker
Co.
Fla. *area* –759 13
Ga. *area* –758 967
Ore. *area* –795 75
Isl. *area* –969 9
Bakery
products
manufacture
economics 338.47+

Bakery
products
manufacture (continued)
technology
commercial 664.752
home **641.865**
marketing 658.809+
Baking
ceramics *see* Ceramics
food *see* Cooking processes
Baking-powders *see* Leavening agents
Baking-soda *see* Leavening agents
Balaenicipites *see* Ciconiiformes
Balalaikas *see* Guitars
Balance (quality) *see* Composition
Balance
bridges *see* Trussed bridges
Balanoglossida
culture †639.73+
paleozoology 563.993
zoology 593.993
Balanophoraceae *see* Santalales
Balanopsidaceae *see* Balanopsidales
Balanopsidales
botany 583.96
floriculture 635.933+
Balata
agriculture
economics 338.17+
technology 633.895 9
processing *see spec. products*
see also Ebenales
Balcones Escarpment Tex.
gen. wks. *area* –764 87
see also other areas
Balconies *see* Porches
Balcony
furniture *see* Outdoor furniture
Bald Mts. Tenn.-N.C.
gen. wks. *area* –768 91
see also other areas
Bald
cypresses *see* Cypress trees
Baldachins *see* Sacred furniture
Baldness *see* Scalp disorders
Baldwin Co.
Ala. *area* –761 21
Ga. *area* –758 57
Baleares Spain *area* –467 5
Balearic Isls. *see* Baleares
Baleen
whales *see* Mysticetes
Balers
agriculture
gen. wks. 631.36
see also Terminal operations
manufacture *see* Special-purpose machinery
Bali *area* –923
Balikesir Turkey *area* –562
Balinese *see* Austronesian
Baling
crops *see* Terminal operations
Balkan Peninsula *area* –496
Ball
bearings *see* Bearings
games
customs 394.3
ethics 175
gen. wks. **796.3**
lightning *see* Atmospheric electricity
Ballades *see* Choral music
Ballads
folklore *see* Rhymes
literature *see* Poetry
music *see* Choral music
Ballard Co. Ky. *area* –769 96
Ballet
ethics 175.2
music
gen. wks. **782.95**
see also spec. mediums
performances **792.8**
Ballistic
missiles *see* Guided missiles
Ballistics
electron *see* Electron ballistics
engineering **623.51**
mechanics
solids **531.5**
see also spec. branches
see also spec. applications

Balloon
sondes *see* Lighter-than-air aircraft
Balloons
aircraft *see* Lighter-than-air aircraft
Ballot
systems
laws †340
pol. sci. 324.25
Ballrooms *see* Recreation buildings
Balls (dances) *see* Dancing
Balls (sporting goods) *see* Recreational equipment
Balneotherapy *see* Hydrotherapy
Balsam
figs *see* Guttiferales
fir trees *see* Fir trees
Balsaminaceae *see* Geraniales
Baltic Sea *see* Atlantic Ocean
Baltic
ethnic groups *area* –174+
languages **491.91–.93**
lingual groups *area* –175+
see also other spec. subj.
Baltimore Md.
city *area* –752 6
county *area* –752 71
Balto-Slavic *see* Slavic
Baluchi *see* Iranian
Baluchistan *area* –†549 15
Balustrades *see* Stairs
Bamberg Co. S.C. *area* –757 78
Bamboo
fibers *see* Basketry fibers
Bamboos *see* Pooideae
Bamboowork *see* Basketry
Bambuseae *see* Pooideae
Banana
fibers *see* Manila hemp
Bananas
agriculture
economics 338.17+
technology **634.772**
food 641.34+
processing *see spec. products*
see also Zingiberales
Banat *area* –498 4
Band
music *see* Bands
saws *see* Sawing machinery
Bandera Co. Tex. *area* –764 885
Bandicoots *see* Marsupials
Bandonions *see* Accordions
Bands
music **785.12**
performance **785.067**
recreation
military *see* Special services
students
gen. wks. †371.893
see also spec. levels of ed.
Banff Scotland *area* –412 4
Bangalore
torpedoes *see* Demolition charges
Bangioideae *see* Rhodophyta
Bang's
disease *see* Zoogenous diseases
Banjos
manufacture
economics 338.47+
technology 681.81+
music **787.7**
Bank
buildings *see* Commercial buildings
currency *see* Paper money
deposits
economics **332.1–.3**
insurance **368.854**
see also Financial institutions
notes *see* Paper money
Banking *see* Financial institutions
Bankruptcy
economics
gen. wks. 332.754
public *see* Public debts
law †347.7
Banks Co. Ga. *area* –758 14
Banks (institutions) *see* Financial institutions
Banned
books *see* Prohibited books

Banner Co. Neb. *area* –782 975
Banners *see* Emblems
Bannock Co. Ida. *area* –796 47
Banqueting *see* Eating-customs
Banquets *see* Hospitality
Bantu *see* Niger-Congo
Banyan
trees
culture 635.977+
forestry 634.973+
see also Urticales
Baobab
trees
culture 635.977+
forestry 634.973+
see also Tiliales
Baptism
of Jesus Christ 232.95
religion *see* Sacraments
Baptismal
fonts *see* Sacred furniture
Baptist
churches
religion **286.1–.5**
see also Church buildings
Baptistries
architecture 726.4
construction 690.6+
furniture *see* Sacred furniture
religion *see spec. rel.*
see also Church buildings
Bar mitzvah *see* Rites
Baraga Co. Mich. *area* –774 97
Baraita *see* Talmud
Barbados West Indies *area* –729 81
Barbecues *see* Outdoor meals
Barbecuing *see* Cooking processes
Bar-bell
exercises *see* Gymnastics
Barbels
culture 639.37+
fishing
industries 639.27+
sports 799.17+
see also Ostariophysi
Barber Co. Kan. *area* –781 82
Barbering
customs 391.5
Barbering (continued)
practice
economics 338.47+
technology 646.74
Barberries
agriculture
economics 338.17+
technology 634.74
food 641.34+
see also Berberidales
Barberry
trees
culture 635.977+
forestry 634.973+
see also Berberidales
Barbershops
economics 338.47+
management 658.91+
pub. health 614.797
technology 646.74
Barbets *see* Piciformes
Barbeyaceae *see* Urticales
Barbour Co.
Ala. *area* –761 32
W.Va. *area* –754 59
Barbuda West Indies *area* –†729 24
Barcelona Spain *area* –467 2
Bare
wires *see* Wires
Barge
canals *see* Canals
Barges *see* Hand-propelled craft
Bari Italy *area* –457 51
Barinas Venezuela *area* –874
Barite
mineralogy 549.752
see also Barium geology
Baritone
horns *see* Horns
voice *see* Songs
Barium
compounds
chemistry **546.395**
manufacture 661.039+
pharmacology
gen. wks. 615.2+
veterinary 636.089+
fabrication *see* Barium industries

Barium (continued)
geology
gen. wks. 553.662
mineralogy *see spec. minerals*
industries
extractive
metallurgy 669.725
mining 622.36+
manufacturing
economics 338.47+
technology 673.725
metallography *see* Barium properties
mineralogy *see* Barium geology
mining *see* Barium industries
products *see spec. subj.*
properties
chemistry **546.395**
engineering 620.189 6
metallography 669.957+
see also Radiochemistry
Bark
lice
agricultural pests 632.7+
see also Corrodentia
Barks
forest products 634.985
see also spec. trees
Barley
agriculture
economics 338.17+
technology
forage crops 633.25+
grain crops **633.16**
fodder
gen. wks. 636.086
see also spec. animals
food
cookery 641.6+
gen. wks. 641.331+
processing
economics 338.47+
technology 664.725
see also Pooideae
Barnacles *see* Cirripedia
Barnes Co. N.D. *area* –784 32
Barns *see* Farm buildings
Barnstable Co. Mass. *area* –744 9
Barnwell Co. S.C. *area* –757 76
Barometers
engineering
aneroid *see* Barometers manufacture
liquid-pressure 621.28
manufacture
economics 338.47+
technology 681.2
meteorology 551.54
physics 533.8
see also other spec. applications
Barometry
meteorology **551.54**
physics 533.6
Baronage *see* Aristocracy
Baronesses *see* Aristocracy
Baronetage *see* Aristocracy
Barons *see* Aristocracy
Barracks
buildings *see* Military buildings
housing *see* Quarters
Barracudas
culture 639.375+
fishing
industries
economics 338.372+
technology 639.27+
sports 799.17+
food
cookery 641.69+
gen. wks. 641.39+
see also Acanthopterygii
Barrage
balloons *see* Lighter-than-air aircraft
Barrel
organs *see* Mechanical musical instruments
Barrels *see* Cooperage
Barren Co. Ky. *area* –769 72
Barricades
military *see* Fortifications
Barron Co. Wis. *area* –775 18
Barroom
buildings *see* Taproom buildings
Barrooms *see* Public accommodations

Barrow
  Co. Ga. *area* –758 195
  election district Alaska *area* –798 7
Barry Co.
  Mich. *area* –774 16
  Mo. *area* –778 76
Bars (gymnastics) *see* Recreational equipment
Bars (pub. buildings)
  gen. wks. *see* Taproom buildings
  services *see* Public accommodations
Bars (structural form) *see* Structural forms
Barter
  instruments *see* Noncommodity money
Bartholomew Co. Ind. *area* –772 24
Barton Co.
  Kan. *area* –781 52
  Mo. *area* –778 71
Bartow Co. Ga. *area* –758 365
Baruch
  Apocrypha **229.5**
  liturgy
    gen. wks. 264.3–.4
    spec. denominations **264.01–.09**
Barytes *see* Barite
Basalts *see* Volcanic rocks
Bascule
  bridges *see* Movable bridges
Baseball
  equipment *see* Recreational equipment
  game *see* Bat games
  gloves *see* Handwear
  songs *see* Topical songs
Basel Switzerland *area* –494 3
Basellaceae *see* Chenopodiales
Basenjis *see* Hounds
Bases (military) *see* Quarters
Bases (proton acceptors)
  chem. tech. **661.3**
  chemistry 546.32
Bases (structures) *see* Foundations (structures)
Bashkir ASSR *area* –478 7
Basic
  anhydrides *see* Bases (proton acceptors)
  military
    training *see* Training maneuvers
  sulfates
    mineralogy 549.755
    see also Sulfur geology
Basidiomycetes
  botany **589.22**
  paleobotany 561.92
Basidium fungi *see* Basidiomycetes
Basilar
  membrane *see* Internal ear
Basilicas *see* Church buildings
Basilicata Italy *area* –457 7
Basilisks *see* Imaginary animals
Basket
  stars *see* Ophiuroidea
Basketball
  equipment *see* Recreational equipment
  game *see* Net (texture) games
Basketry
  fibers
    agriculture
      economics 338.17+
      technology 633.58
    processing *see* Basketry products
    textile production *see* Basketry products
  products
    crafts 746.41
    industry
      economics 338.47+
      technology 677.54
  study & teaching
    elementary ed. 372.55
    see also *s.s.*–07
Basommatophora *see* Pulmonata
Basotho *see* Basutoland
Basque Provinces Spain *area* **–466**
Basque
  ethnic groups *area* –174+
  language 499.92
  lingual groups *area* –175+
  see also other spec. subj.

Bas-reliefs *see* Relicfs
Bas-Rhin France *area* –443 835
Bass
  fiddles *see* Contrabasses
Bassarisks *see* Procyonines
Basses
  culture 639.37+
  fishing
    industries 639.27+
    sports 799.17+
  food
    cookery 641.69+
    gen. wks. 641.39+
  see also Acanthopterygii
Basses-Alpes France *area* –449 5
Basses-Pyrénées France *area* –447 9
Basset
  horn *see* Single-reed instruments
  hounds *see* Hounds
Basse-taille
  process *see* Enamels
Bassoons *see* Double-reed instruments
Basswood
  trees
    culture 635.977+
    forestry 634.972 7
    see also Tiliales
Bast-fiber barks *see* Barks
Bastions *see* Fortifications
Bastrop Co. Tex. *area* –764 32
Basutoland *area* –686
Bat
  games
    customs 394.3
    gen. wks. **796.35**
Batavia
  system
    education *see* Individualized instruction
Bates Co. Mo. *area* –778 43
Bath Co.
  Ky. *area* –769 555
  Va. *area* –755 87
Bath mitzvah *see* Rites
Bathhouse
  buildings
    architecture 725.73
Bathhouse
  buildings (continued)
    construction
      economics 338.47+
      technology 690.5+
Bathing
  customs 391.64
  hygiene 613.41
  techniques
    children *see* Child care
    gen. wks. 646.7
Bathing-beaches
  civic art 711.558
  pub. health 614.796
  recreation
    gen. wks. 796.5
    see also Swimming activities
  see also Safety measures
Bathing-suits *see* Garments
Bathrooms *see* Lavatories
Baths
  gen. wks. *see* Bathing
  medication *see* External medication
  therapy *see* Hydrotherapy
Batidaceae *see* Chenopodiales
Batik *see* Resist-dyeing
Batoidea
  paleozoology 567.3
  zoology 597.35
Batrachium *see* Ranales
Batrachoidea *see* Acanthopterygii
Bats (animals)
  agricultural aids 632.96
  culture 636.9+
  hunting 639.11+
  see also Chiroptera
Bats (sporting goods) *see* Recreational equipment
Battalions *see* Organizational units
Batteries
  elect. eng. **621.35**
  see also spec. applications
Battersea London *area* –421 6
Battle
  cries *see* War customs

Battle (continued)
maneuvers
mil. sci.
gen. wks. **355.4**
see also spec. mil. branches
see also hist. of spec. wars
songs *see* National songs
tactics
mil. sci.
gen. wks. **355.42**
see also spec. mil. branches
see also hist. of spec. wars
Battledore & shuttlecock *see* Racket games
Battles
history
gen. wks. 904.7
see also spec. wars
mil. sci.
analysis
gen. wks. 355.48
see also spec. mil. branches
Battleships *see* Warships
Bauxite
mineralogy 549.53
see also Aluminum geology
Bavaria Germany *area* **–433**
Baxter Co. Ark. *area* –767 21
Bay Co.
Fla. *area* –759 95
Mich. *area* –774 47
Bayberries
agriculture
economics 338.17+
technology 633.81
processing *see spec. products*
see also Myrtales
Bayberry
trees
culture 635.977+
forestry 634.973+
see also Myrtales
wax *see* Waxes
Bayfield Co. Wis. *area* –775 13
Baylor Co. Tex. *area* –764 744
Bayonet
practice *see* Training maneuvers
Bayonets *see* Side arms
Bays *see* Marine waters
Bazookas *see* Small arms
Beach
formation *see* Marine waters
protection *see* Shore reclamation
Beaches
gen. wks. *see* Coasts
recreational *see* Bathing-beaches
Beacons
installation 627.924
navigation 623.894+
transportation aids *see* Transportation services
see also spec. kinds
Bead
tests *see* Blowpipe analysis
Beadle Co. S.D. *area* –783 274
Beads
costume *see* Jewelry
Beadwork
crafts 746.5
industry
economics 338.47+
technology 677.7
Beagles *see* Hounds
Beaked
whales *see* Odontocetes
Beams
carpentry *see* Structural woodworking
engineering
materials 620.112 82
structures 624.177 2
see also spec. kinds
Beans *see* Legumes
Bear
Lake Co. Ida. *area* –796 44
River Divide Wyo.
gen. wks. *area* –787 84
see also other areas
Bearbaiting *see* Animal performances
Beards *see* Barbering
Bearings
engineering
economics 338.47+

Bearings
engineering (continued)
technology
gen. wks. 621.822
see also spec. branches
see also spec. applications
Béarn France *area* –447 9
Bears
conservation 639.97+
culture 636.9+
hunting
industries 639.11+
sports 799.27+
see also Ursidae
Beasts
of burden *see* Draft animals
Beating
metals *see* Hammering metals
Beauce Co. Que. *area* –714 71
Beaufort Co.
N.C. *area* –561 86
S.C. *area* –757 99
Beauharnois Co. Que. *area* –714 32
Beauregard Par. La. *area* –763 59
Beauty
culture *see* Personal grooming
shops
economics **338.47+**
management **658.91+**
pub. health 614.797
technology **646.72**
see also Esthetics
Beaver Co.
Okla. *area* –766 14
Pa. *area* –748 92
Utah *area* –792 46
Beaverhead
Co. Mont. *area* –786 69
Mts. Ida. *area* –796 78
Beavers *see* Sciuromorphs
Bechuanaland *area* –681
Becker Co. Minn. *area* –776 84
Beckham Co. Okla. *area* –766 43
Bedford Co.
Eng. *area* –425 65
Pa. *area* –748 71
Tenn. *area* –768 58
Va. *area* –755 675
Bedouin *see* Cushitic
Bedrooms *see* Rooms
Beds *see* Furniture
Bedspreads
home economics 645.6
interior decoration 747.77
manufacture
economics 338.47+
technology 677.626
Bee Co. Tex. *area* –764 117
Bee
eaters *see* Coraciiformes
flies
agricultural pests 632.7+
culture 638.57+
see also Orthorrhapha
Beech
trees
culture 635.977+
forestry 634.972 5
see also Fagales
Beef
cattle
husbandry
gen. wks. 636.21+
spec. breeds **636.22–.28**
see also Bovoidea
meat *see* Red meats
Beefwood
trees
culture 635.977+
forestry 634.973+
see also Casuarinales
Beekeeping *see* Honeybees
Beelzebub *see* Demonology
Beer
cookery 641.62
drinking *see* Drinking
making *see* Beers
Beers
manufacture
economics **338.47+**
technology
commercial **663.3**
domestic 641.873
marketing
technology 658.809+
see also Liquor traffic
pub. health meas. 614.34
Bees
agricultural pests 632.7+

Bees (continued)
culture
gen. wks. 638.57+
see also Honeybees
see also Apidae
Beeswax
production
economics 338.17+
technology 638.17
see also spec. uses
Beet
sugar
food 641.336
manufacture
economics 338.47+
technology 664.123
marketing 658.809+
Beetles
agricultural pests **632.7+**
culture **638.57+**
see also Coleoptera
Beets
agriculture
economics 338.17+
technology
field crops 633.41
garden crops **635.11**
fodder
gen. wks. 636.086
see also spec. animals
food
gen. wks. 641.35+
see also Beet sugar
processing *see spec. products*
see also Chenopodiales
Beggiatoaceae *see* Thiobacteriales
Begoniaceae *see* Cucurbitales
Begonias *see* Cucurbitales
Behavior
biology **574.5**
philosophy *see* Ethics
psychology **150**
sociology *see* Group behavior
Behavioral
sciences
anthropology **†390**
psychology **150**
sociology **301**
Behavior-codes *see* Etiquette
Behavior-groups
criminology **364.3**
Behavior-groups (continued)
sociology **†301.18**
see also spec. occupations
Behaviorism *see* Behavior
Behavioristic
psychologies *see* Reductionism
Beilstein
test *see* Blowpipe analysis
Beira Portugal *area* **–469 3**
Beja Portugal *area* –469 55
Bel & the dragon
Apocrypha **229.6**
liturgy
gen. wks. 264.3–.4
spec. denominations **264.01–.09**
Belemnites *see* Octopoda
Belemnoidea *see* Octopoda
Belep Isls. *see* New Caledonia
Belfort France *area* –444 55
Belgium *area* **–493**
Belgorod RSFSR *area* –473 5
Belgrade Yugoslavia *area* –†497 1
Belief
metaphysics 121.6
religion
comp. rel. **291**
gen. wks. **210**
see also spec. religions
Belize *see* British Honduras
Belknap Co. N.H. *area* –742 45
Bell Co.
Ky. *area* –769 12
Tex. *area* –764 287
Bell
jars *see* Forcing equipment
towers *see* Towers
Belladonna
agriculture
economics 338.17+
technology 633.88+
drug *see* Botanical drugs
processing *see spec. products*
see also Solanales
Belle Fourche River
gen. wks. *area* –787 13
see also other areas
Bellechasse Co. Que. *area* –714 73
Belles-lettres *see* Literature
Bellflowers *see* Campanales
Belligerency *see* Warfare

Bell-jar
gardening
gen. wks. 635.985
see also spec. plants
Bells *see* Percussion instruments
Belluno Italy *area* –453 7
Belmont Co. O. *area* –771 93
Belorussia *area* –476 5
Belorussian
ethnic groups *area* –174+
language **491.799**
lingual groups *area* –175+
see also other spec. subj.
Belt
conveyers *see* Materials-handling equipment
power *see* Flexible connections
Beltrami Co. Minn. *area* –776 82
Belts
clothing *see* Dress accessories
Ben Hill Co. Ga. *area*–758 85
Bench marks
descriptive geography **914–919**
geodetic surveying **526.32**
Bending
engineering
materials 620.112 4
structures 624.171 4
see also spec. kinds
see also Elasticity
Bending-machinery *see* Pressing-machinery
Benedictines
history
men **271.1**
women 271.979
see also Religious congregations
Benedictus *see* Mass (religion)
Benefit
societies
economics 334.7
see also Insurance
Benevento Italy *area* –457 23
Benevolence
ethics †177.7
Benevolence (continued)
religion
Christian 241.4
comp. rel. 291.5
see also other spec. rel.
Benevolent
societies *see* Benefit societies
Benewah Co. Ida. *area* –796 93
Bengal (area)
East *area* **–†549 2**
West *area* –541 4
Bengal (bay) *see* Indian Ocean
Bengali *see* Prakrits
Beni Bolivia *area* –844
Benign
neoplasms
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.993**
pediatrics **618.92+**
surgery **617**
plants
agriculture 632
botany 581.22
see also spec. plants
tumors *see* Benign neoplasms
Bennett Co. S.D. *area* –783 65
Bennington Co. Vt. *area* –743 8
Benson Co. N.D. *area* –784 39
Bent Co. Colo. *area* –788 97
Bent
grasses
agriculture
economics 338.17+
technology **633.23**
fodder
gen. wks. 636.086
see also spec. animals
processing *see spec. products*
see also Pooideae
Benton Co.
Ark. *area* –767 13
Ind. *area* –772 97
Ia. *area* –777 61
Minn. *area* –776 67
Miss. *area* –762 89

Benton Co. (continued)
Mo. *area* –778 49
Ore. *area* –795 34
Tenn. *area* –768 33
Wash. *area* –797 51
Bentonite
mineralogy 549.67
see also Clays
Benzenes *see* Aromatic compounds
Benzie Co. Mich. *area* –774 63
Berber
ethnic groups *area* –174+
languages 493.3
lingual groups *area* –175+
see also other spec. subj.
Berberidaceae *see* Berberidales
Berberidales
botany 583.117
floriculture 635.933+
Bergamo Italy *area* –452 4
Bergen Co.
N.J. *area* –749 21
Norway *area* –483
Bergius
process *see* Synthetic fuels
Bergsonism *see* Intuitionism
Beriberi *see* Nutritional diseases
Bering
Sea *see* Pacific Ocean
Berith milah *see* Rites
Berkeley Co.
S.C. *area* –757 93
W.Va. *area* –754 97
Berkelium *see* Rare-earths
Berks Co. Pa. *area* –748 16
Berkshire, Eng. *area* –422 9
Berkshire Co. Mass. *area* –744 1
Berlin Germany *area* **–431 55**
Berlin Reservoir O.
gen. wks. *area* –771 37
see also other areas
Bermondsey London *area* –421 6
Bermuda (isl.) *area* –729 9
Bermuda
grass *see* Pooideae
Bern Switzerland *area* –494 5
Bernalillo Co. N.M. *area* –789 61
Bernardines *see* Benedictines
Berrien Co.
Ga. *area* –758 86
Mich. *area* –774 11
Berries
agriculture
economics **338.17+**
technology **634.7**
food **641.34+**
marketing **658.809+**
processing *see spec. products*
Berry France *area* **–445 5**
Berseem *see* Clovers
Berthier Co. Que. *area* –714 43
Bertholletia excelsa *see* Brazil nuts
Berths
docks *see* Docks
shipyards *see* Shipyards
Bertie Co. N.C. *area* –756 16
Berwick Scotland *area* –414 55
Berycoidea *see* Acanthopterygii
Beryl
mineralogy 549.64
see also Precious stones
Beryllium
compounds
chemistry **546.391**
manufacture 661.039+
fabrication *see* Beryllium industries
geology
gen. wks. †553.492
mineralogy *see spec. minerals*
industries
extractive
metallurgy 669.724
mining 622.349+
manufacturing
economics **338.47+**
technology **673.724**
metallography *see* Beryllium properties
mineralogy *see* Beryllium geology
mining *see* Beryllium industries
products *see spec. subj.*

Beryllium (continued)
properties
chemistry **546.391**
engineering 620.189 4
metallography 669.957+
see also Radiochemistry
Bessarabia *area* –†477
Bessel's
functions *see* Harmonics
Beta
decay *see* Transmutations
particles *see* Subatomic particles
vulgaris *see* Beets
Betatrons *see* Particle acceleration
Betatron-synchrotons *see* Particle acceleration
Bethel election district Alaska *area* –798 4
Bethnal Green London *area* –421 5
Beton *see* Artificial stones
Betrothal *see* Courtship
Betting *see* Gambling
Betulaceae *see* Fagales
Bevel
gears *see* Gears
Beveled
sidings *see* Pattern lumber
Beverage
drinking *see* Drinking
making *see* Beverages
Beverages
manufacture
economics 338.47+
technology
commercial **663**
domestic **641.87**
marketing
technology 658.809+
see also Liquor traffic
pub. health meas. 614.34
Bexar Co. Tex. **764 35**
Bezique *see* Card games
Bhagavad Gita
literature 891.21
religion 294.592 4
Bhopal India *area* –†543
Bhutan *area* –†549 8
Bialystok Poland *area* –†438 3
Bias
bindings *see* Passementerie
Bibb Co.
Ala. *area* –761 82
Ga. *area* –758 55
Bible
literature †809.935+
religion
gen. wks. **220**
theology **230**
see also Scripture readings
Biblical
Sabbath *see* Holy days
Bibliographical
centers
management 658.91+
planning
civic art 711.57
sociology 301.34
services †021.64
Bibliographies
books **010**
music scores **781.97**
Bibliotherapy *see* Mental therapies
Bicameral
legislatures *see* Legislative bodies
Bicycle
cavalry *see* Mechanized cavalry
races *see* Cycling
Bicycles *see* Cycles (vehicles)
Bicycling *see* Cycling
Bid
bonds
insurance *see* Surety bonds
Bids *see* Procurement
Biennials
botany **582.1**
floriculture 635.931
landscaping **712**
see also spec. plants
Bienville Par. La. *area* –763 93
Big
Bend Tex. *area* **–764 93**
Black
Mts.
gen. wks. *area* **–769 154**
see also other areas
River Miss.
gen. wks. *area* **–762 4**
see also other areas

Big (continued)
Blue River
gen. wks. *area* –781 2
see also other areas
Cypress Swamp Fla.
gen. wks. *area* –759 44
see also other areas
Horn
Co.
Mont. *area* –786 38
Wyo. *area* –787 33
Mts.
gen. wks. *area* –787 3
see also other areas
Sandy River
gen. wks. *area* –754 4
Ky. *area* –769 2
Sioux River
gen. wks. *area* –783 3
Ia. *area* –777 1
Stone Co. Minn. *area* –776 43
Big
businesses
economics †338.65
management 658.023
game
hunting *see* Hunting
Bigamists *see* Offenders
Bigamy *see* Offenses
Bignoniaceae *see* Personales
Bigotry *see* Evils
Bihar India *area* –541 2
Bihari *see* Prakrits
Bilaspur India *area* –†545 2
Bile
acids *see* Endocrine drugs
ducts *see* Biliary tract
Bilecik Turkey *area* –†563
Bilharziasis *see* Trematoda infestations
Biliary
calculi *see* Biliary disorders
disorders
animals
vet. sci. 636.089+
zoology 591.2
see also spec. animals
man
medicine 616.36
pediatrics 618.92+
surgery 617.556
Biliary (continued)
tract
anatomy
animals
vet. sci. 636.089+
zoology 591.43
see also spec. animals
man 611.36
diseases *see* Biliary disorders
physiology
animals
vet. sci. 636.089+
zoology 591.13
see also spec. animals
man 612.35
Bill
of Rights *see* Constitutional law
Billboards *see* Outdoor-sign advertising
Billeting *see* Quarters
Billiard
halls *see* Recreation buildings
Billiards
equipment *see* Recreational equipment
game *see* Indoor ball games
Billing-machines *see* Digital machines
Billings Co. N.D. *area* –784 94
Bills (legislation)
gen. wks. 328.37
spec. localities 328.4–.9
see also spec. subj.
Bills
of credit *see* Credit instruments
Bimetallism *see* Monetary standards
Binary
stars
astronomy
descriptive 523.84
theoretical 521
systems
arithmetic *see* Numeration systems

Binders (agricultural equip.)
agriculture
gen. wks. 631.35
see also Harvesting
manufacture
economics 338.47+
technology 681.7
marketing 658.809+
Bindery *see* Bookbinding
Binding
books *see* Bookbinding
Bindweeds
agricultural pests 632.58
see also Solanales
Bingham Co. Ida. *area* –796 51
Bingol Turkey *area* –566 7
Binocular
imbalance *see* Ocular neuromuscular disorders
photography *see* Stereoscopic photography
Binomial
equations *see* Equations
theorem *see* Series
Bio-astronautics *see* Biophysics
Bío-Bío Chile *area* –834
Biochemical
analysis
chemistry
gen. wks. 544.94
organic 547.34+
see also spec. applications
Biochemistry
biology
animals 591.192
gen. wks. 574.192
plants 581.192
see also spec. organisms
cells *see* Cytology
med. sci.
animals
gen. wks. 636.089+
see also spec. animals
man 612.015
see also spec. organs
Bioclimatology *see* Ecology
Bioecology *see* Ecology
Biogenesis *see* Life
Biogeochemical
prospecting *see* Prospecting
Biogeochemistry *see* Ecology
Biogeography
animals 591.9
gen. wks. 574.9
plants 581.9
see also spec. organisms
Biographies
gen. wks. 920
see also *s.s.*–†092
Biological
physiology *see* Physiology
warfare
ammunition *see* Ammunition
defenses
mil. eng. 623.374
welfare services †363.35
forces
gen. wks. 358.38
see also spec. kinds of warfare
Biology
animals 590
gen. wks. 574
plants 580
see also Astrobiology
Biomagnetism *see* Hypnotism
Biometeorology *see* Ecology
Biomicroscopy *see* Microscopy
Biomorphology *see* Anatomy
Bionomics *see* Ecology
Biophysics
biology
animals 591.191
gen. wks. 574.191
plants 581.191
see also spec. organisms
cells *see* Cytology
med. sci.
animals
gen. wks. 636.089+
see also spec. animals
man 612.014
see also spec. organs
Biophysiology *see* Physiology
Biopsies *see* Diagnoses
Biosynthesis *see* Biochemistry
Biotin *see* Vitamins
Biplanes *see* Heavier-than-air aircraft

Birational
transformations *see* Geometric transformations
Birch
trees
culture 635.977+
forestry 634.972 6
see also Fagales
Bird
dogs *see* Gun dogs
houses *see* Farm buildings
lice
agricultural pests 632.7+
culture 638.57+
see also Mallophaga
sanctuaries *see* Wildlife reserves
Bird-of-paradise
flowers *see* Zingiberales
Birds
agricultural
aids 632.96
pests **632.6+**
culture **636.6**
disease carriers *see* Disease carriers
hunting
industries **639.12**
sports **799.24**
see also Aves
Bird's-eye
textiles *see* Fancy-weave fabrics
Bird's-nest
fungi *see* Lycoperdales
Biremes *see* Historic ships
Birth
activity *see* Parturition
certification
law †340
pub. health 614.11
control
ethics
philosophy 179.7
religion
Christian 241
see also other spec. rel.
Birth
control (continued)
technology
gen. wks. 613.943
see also Gynecology
see also other spec. aspects
customs *see* Birth rites
obstetrics *see* Parturition
rites
religion
Christian **264–265**
gen. wks. 291.38
see also other spec. rel.
soc. customs 392.1
statistics *see* Demography
see also Life cycle
Birthday
cookery *see* Special-purpose cookery
Biscay (bay) *see* Atlantic Ocean
Bisexuality *see* Sex differences
Bishoprics *see* Episcopal palaces
Bishops *see* Clergy
Bismarck Archipelago *area* –936
Bismuth
alloys
manufacture
economics 338.47+
technology 673.75
metallurgy 669.75
properties
chemistry **546.718**
engineering 620.189 5
metallography 669.957+
compounds
chemistry **546.718**
manufacture 661.07+
pharmacology
gen. wks. 615.2+
veterinary 636.089+
fabrication *see* Bismuth industries
geology
gen. wks. 553.47
mineralogy
element 549.25
minerals *see spec. minerals*

Bismuth (continued)
industries
extractive
metallurgy 669.75
mining 622.347
manufacturing
economics 338.47+
technology 673.75
metallography *see* Bismuth properties
mineralogy *see* Bismuth geology
mining *see* Bismuth industries
products *see spec. subj.*
properties
chemistry **546.718**
engineering 620.189 5
metallography 669.957+
see also Radiochemistry
Bismuthinite
mineralogy 549.32
see also Bismuth geology
Bison
conservation 639.97+
culture 636.292
hunting
industries 639.11+
sports 799.27+
see also Bovoidea
Bithynia *area* –392 5
Bitlis Turkey *area* –566 7
Bitterns
conservation 639.97+
culture 636.6
hunting
industries 639.12+
sports 799.248+
see also Ciconiiformes
Bitterroot Range
gen. wks. *area* –**†786 8**
Ida. *area* –796 6
Bittersweet (shrub) *see* Celastrales
Bittersweet (weed) *see* Solanales
Bitumen *see* Mineral waxes
Bituminous
coal *see* Coals
materials
construction 691.96
Bituminous
materials (continued)
engineering
gen. wks. 620.196
see also spec. branches
see also spec. applications
shale *see* Coals
Bivalve
mollusks *see* Mollusks
Bivouac
tactics *see* Logistics
training *see* Training maneuvers
Bixaceae *see* Bixales
Bixales
botany 583.138
floriculture 635.933+
Black
Forest Germany *area* –434 8
Hawk Co. Ia. *area* –777 37
Hills S.D. *area* **–783 9**
River (Ark.-Mo.)
gen. wks. *area* –767 2
see also other areas
River (S.C.)
gen. wks. *area* –757 83
see also other areas
Rock Desert Nev.
gen. wks. *area* –793 54
see also other areas
Sea *see* Atlantic Ocean
Black
art *see* Witchcraft
Friars *see* Dominicans
lead *see* Graphite
mold
diseases *see* Fungus diseases
organisms *see* Mucorales
mosses *see* Musci
Muslims
religion 297.87
soc. groups 301.451+
see also other aspects
pepper *see* East Indian pepper
rot
diseases *see* Fungus diseases
organisms *see* Ascomycetes

Blackberries
  agriculture
    economics 338.17+
    technology **634.713**
  food 641.34+
  marketing 658.809+
  processing *see spec. products*
  see also Rosales
Blackbirds
  agricultural pests 632.6+
  see also Icteridae
Blackboards
  teaching aids *see* Audio-visual materials
Blackcaps *see* Raspberries
Black-eyed peas
  agriculture
    economics 338.17+
    technology **635.659 2**
  food 641.35+
  marketing 658.809+
  processing *see spec. products*
  see also Leguminosae
Blackford Co. Ind. *area* –772 68
Blackheads *see* Sebaceous disorders
Blackjack *see* Card games
Blackmail *see* Defrauding
Blackmailers *see* Offenders
Blackouts *see* Camouflage
Blacksmithing *see* Small forge work
Blackwater
  fever *see* Protozoan infections
Bladder
  anatomy
    animals
      vet. sci. †636.089+
      zoology 591.44
      see also spec. animals
    man †611.62
  diseases *see* Urinary disorders
  physiology
    animals
      vet. sci. 636.089+
      zoology 591.14
      see also spec. animals
    man 612.467
Bladderworts *see* Personales
Bladen Co. N.C. *area* –756 32
Blaine Co.
  Ida. *area* –796 32
  Mont. *area* –786 15
  Neb. *area* –782 77
  Okla. *area* –766 31
Blair Co. Pa. *area* –748 75
Blanco Co. Tex. *area* –764 64
Bland Co. Va. *area* –755 765
Blank
  verse *see* Poetry
Blankets
  handcrafts **746**
  home econ. 643
  manufacture
    economics **338.47+**
    technology **677.61–.62**
Blasphemy
  ethics 179.5
  religion
    Christian 241.3
    comp. rel. 291.5
    see also other spec. rel.
Blast
  injuries *see* Injuries
Blast-furnace
  gas *see* Industrial gases
Blasting
  operations
    hydraulic eng. 627.74
    mining eng. 622.23
    see also other spec. applications
Blastoidea *see* Echinodermata
Blastproof
  structures
    civil defense *see* Civil defense
    engineering
      economics 338.47+
      technology 623.38
Blast-resistant
  construction *see* Resistant construction
Blastula *see* Embryology
Blattariae
  paleozoology 565.72
  zoology 595.722

Bleaching
  hair *see* Hairdressing
  textiles
    commercial 667.14
    domestic 648.1
Bleach-out
  process *see* Special-process photography
Bleckley Co. Ga. *area* –758 525
Bledsoe Co. Tenn. *area* –768 76
Bleeding hearts *see* Rhoeadales
Blekinge Sweden *area* –486
Blennies
  culture 639.37+
  fishing industries 639.27+
  see also Acanthopterygii
Blennioidea *see* Acanthopterygii
Blepharoplasts *see* Cytology
Blighted
  areas *see* Slums
Blights *see* Pathology
Blimps *see* Lighter-than-air aircraft
Blind
  children *see* Exceptional children
  people
    library services
      gen. wks. 027.663
      see also spec. functions
    med. treatment *see spec. diseases*
    service institutions 362.41
Blindman's buff *see* Action games
Blindness *see* Ocular disorders
Blinds
  architecture 721.8
  construction
    economics 338.47+
    technology
      carpentry 694.63
      gen. wks. 690.1+
  see also spec. structures
Blister
  beetles
    culture 638.57+
    see also Mordelloidea
Blizzards *see* Storms
Block Isl. *area* –745 8
Block
  books
    gen. wks. 092
    library treatment 025.171
  printing *see* Relief (surface) printing
Blockades
  international law
    peace time 341.65
    war time **341.3**
  mil. sci. *see* Siege warfare
Blockbusters *see* Special-purpose projectiles
Blood
  analysis
    chemistry **547.3**
    diagnostic *see* Diagnoses
    physiology
      animals
        gen. wks. 636.089+
        see also spec. animals
      man 612.12
  anatomy *see* Hematology
  anticoagulants *see* Cardiovascular drugs
  banks
    economics 338.47+
    management 658.91+
    medicine *see* Blood transfusions
  cells
    histology *see* Histology
  coagulants *see* Cardiovascular drugs
  diseases
    animals
      vet. sci. **636.089+**
      zoology 591.2
      see also spec. animals
    man
      gen. wks. **616.15**
      obstetrics 618.77
    see also Bacterial blood diseases
  fertilizers *see* Abattoir fertilizers
  physiology *see* Hematology
  plasma
    histology *see* Histology

Blood (continued)
products
pharmacology
med. sci. 615.39
vet. sci.
gen. wks. 636.089+
see also spec. animals
see also spec. diseases
serums *see* Serums
transfusions
med. sci. 615.65
vet. sci.
gen. wks. 636.089+
see also spec. animals
see also spec. diseases
vessels
anatomy
animals
vet. sci. 636.089+
zoology 591.41
see also spec. animals
man 611.13–.15
diseases *see* Vascular disorders
physiology
animals
vet. sci. 636.089+
zoology 591.11
see also spec. animals
man 612.13
Blood-forming
system
bone marrow *see* Bone marrow
spleen *see* Spleen
Bloodhounds *see* Hounds
Bloodletting
therapy *see* Historic remedies
Bloodroots *see* Rhoeadales
Bloodworts *see* Haemodorales
Blossom
wines *see* Wines
Blotters
advertising *see* Specialty advertisements
Blotting
papers *see* Paper products
Blount Co.
Ala. *area* –761 72
Tenn. *area* –768 885
Blouses *see* Garments
Blowers
engineering
economics 338.47+
technology
gen. wks. **621.61–.63**
see also spec. branches
see also spec. applications
Blowflies
agricultural pests 632.7+
culture 638.57+
see also Cyclorrhapha
Blowpipe
analysis
qualitative
gen. wks. 544.3
organic 547.34+
quantitative
gen. wks. 545.43
organic 547.35+
Blue
Earth Co. Minn. *area* –776 21
Mt. Res. Ark.
gen. wks. *area* –767 37
see also other areas
Mts.
gen. wks. *area* **–795 7**
Wash. *area* –797 46
Nile Province Sudan *area* –626 4
Ridge
gen. wks. *area* **–755**
Ga. *area* –758 273
N.C. *area* **–756 8**
S.C. *area* **–757 2**
Blue
jays *see* Jays
vitriol *see* Chalcanthite
Bluebells *see* Campanales
Blueberries
agriculture
economics 338.17+
technology 634.737
food 641.34+
marketing 658.809+
processing *see spec. products*
see also Ericales
Bluebonnets *see* Leguminosae
Bluegrass Ky. *area* **–769 3**
Bluegrasses
agriculture
economics 338.17+
technology 633.21

Bluegrasses (continued)
fodder
gen. wks. 636.086
see also spec. animals
processing *see spec. products*
see also Pooideae
Blue-green
algae *see* Cyanophyta
Blueprinting
process *see* Special-process photography
Blues
music
gen. wks. 781.573
see also spec. mediums
Bluestones *see* Building stones
Bluing
textiles *see* Laundering
Blunderbuses *see* Small arms
Bo
trees
culture 635.977+
forestry 634.973+
see also Urticales
Board
of trade
buildings *see* Commercial buildings
Boarding
schools *see* Secondary schools
Boardinghouses *see* Public accommodations
Boards
government *see* Agencies
Boardwalks *see* Pavements
Boars *see* Swine
Boat
racing *see* Boating
Boatbuilding *see* Boats
Boathouses *see* Recreation buildings
Boating
seamanship 623.88
services 386–387
sports 797.1
Boats
construction
economics 338.47+
technology 623.82
Boats (continued)
mil. sci.
gen. wks. 355.83
see also spec. mil. branches
see also Transportation services
Bobbin
lace *see* Openwork fabrics
Bobbinet
lace *see* Openwork fabrics
Bobcats *see* Cats
Bobsledding *see* Snow sports
Bock beer *see* Beers
Bode's law *see* Solar system
Body
contours
control
hygiene 613.24–.25
technology 646.7
customs 391.62
Boehmeria *see* Ramie
Boeotia Greece
ancient *area* –384
modern *area* –495 1
Bog
mosses *see* Peat mosses
plants *see* Hydrophytes
Bogus
wrapping *see* Paper products
Bohemia *area* –437 1
Bohemian
Brethren *see* Hussites
linguistic aspects *see* Czech
Bohemium *see* Rhenium
Bohol Philippine Isls. *area* –914 5
Boiler
furnaces
engineering 621.183
heating eng. 697.07
insurance *see* Industrial insurance
Boiler-house
practices
gen. wks. 621.194
see also spec. applications
Boilers
engineering
gen. wks. 621.184
see also spec. branches
see also spec. uses

Boiling
cookery *see* Cooking processes
transformation *see* Physical transformations
Boiling-point
elevation *see* Colligative properties
Boils
disease *see* Pustular eruptions
Boise Co. Ida. *area* –796 74
Bokmaal *see* Germanic
Bolides *see* Meteors
Bolívar
Colombia *area* –861 1
Ecuador *area* –866 1
Venezuela *area* –876
Bolivar Co. Miss. *area* –762 43
Bolivia (country) *area* **–84**
Bolivia (game) *see* Card games
Bolle
rams *see* Rams (hydraulics)
Bollinger Co. Mo. *area* –778 94
Bologna Italy *area* –454 1
Bolshevism *see* Communist states
Bolshevist
states *see* Communist states
Bolts *see* Fastenings
Bolu Turkey *area* –†563
Bolyai
geometry
gen. wks. 513.84
see also *s.s.*–015+
Bolzano Italy *area* –453 83
Bomb
ballistics *see* Ballistics
Bombacaceae *see* Tiliales
Bombardiers *see* Air forces
Bombardments
gen. wks. *see* Disasters
mil. sci.
aerial *see* Air warfare
gen. wks. *see* Siege warfare
Bombardons *see* Double-reed instruments
Bomber
commands
aerial *see* Air forces
Bombers
aircraft *see* Heavier-than-air aircraft
Bombing
aerial *see* Air forces
Bombings
gen. wks. *see* Disasters
mil. sci.
aerial *see* Air warfare
gen. wks. *see* Siege warfare
Bombproof
construction *see* Resistant construction
structures *see* Blastproof structures
Bombs *see* Ammunition
Bombycillidae
paleozoology 568.8
zoology 598.852
Bombyx
mori *see* Silkworms
Bon Homme Co. S.D. *area* –783 395
Bonaire West Indies *area* –729 86
Bonaventure Co. Que. *area* –714 78
Bonbons *see* Candies
Bond Co. Ill. *area* –773 87
Bond papers *see* Paper products
Bond servants
gen. wks. *see* Slavery
labor economics *see* Contract systems
Bondage *see* Slavery
Bonded
debts *see* Public securities
fabrics
manufacture
economics 338.47+
technology 677.69
marketing 658.809+
see also spec. applications
Bonding
employees *see* Fidelity bonds
Bonds (chemistry)
gen. wks. †541.224
organic †547.1+
Bonds (finance) *see* Securities
Bone
carvings 736.6
char *see* Adsorbent carbons

Bone (continued)
china *see* Porcelain
marrow
anatomy
animals
vet. sci. 636.089+
zoology 596.04+
see also spec. animals
man 611.018 4
diseases
animals
vet. sci. 636.089+
zoology 596.02
see also spec. animals
man
medicine 616.41
pediatrics 618.92+
surgery 617.471
physiology
animals
vet. sci. 636.089+
zoology 596.01+
see also spec. animals
man 612.491
meal
fertilizers *see* Phosphorus fertilizers
tissues *see* Histology
Bones
anatomy
animals
vet. sci. 636.089+
zoology 596.04+
man **611.71**
diseases
animals
vet. sci. 636.089+
zoology 596.02
man
medicine 616.71
pediatrics 618.92+
surgery 617.471
see also Orthopedic surgery
physiology
animals
vet. sci. 636.089+
zoology 596.018
man
Bongos *see* Antelopes
Bonin Isls. *area* –528 5
Bonitos
culture 639.37+
fishing
industry 639.27+
sports 799.17+
food
cookery 641.6+
gen. wks. 641.39+
see also Acanthopterygii
Bonner Co. Ida. *area* –796 96
Bonnets *see* Garments
Bonneville Co. Ida. *area* –796 53
Bonsai *see* House plants
Bonuses *see* Wages
Bony
fish *see* Teleostei
Boobies *see* Gannets
Booby
traps
ammunition *see* Low-velocity projectiles
planting *see* Demolition (operations)
Book
lice *see* Corrodentia
papers *see* Paper products
rarities *see* Rare books
reviews
gen. wks. 028.1
see also spec. subj.
trade
services
domestic 381.45+
foreign 382.45+
gen. wks. 380.145+
technology †658.8
see also Communication
Bookbinding
economics **338.47+**
library services 025.7
technology 655.7
Bookcases *see* Furniture
Bookkeepers *see* Office personnel
Bookkeeping
economics 338.47+
technology 657.2
Bookmaking (gambling) *see* Gambling
Bookmobiles *see* Motor vehicles

Books
  marketing *see* Book trade
  publishing *see* Publishing
Booksellers'
  catalogs **017–019**
Bookselling *see* Book trade
Boolean
  algebra *see* Universal algebra
Boomerang
  throwing *see* Track athletics
Booms (economics) *see* Business cycles
Booms (nautical equipment) *see* Nautical equipment
Boone
  Co.
    Ark. *area* –767 18
    Ill. *area* –773 29
    Ind. *area* –772 54
    Ia. *area* –777 54
    Ky. *area* –769 36
    Mo. *area* –778 29
    Neb. *area* –782 51
    W.Va. *area* –754 39
  Res. Tenn.
    gen. wks. *area* –768 96
    see also other areas
Boosters
  detonators *see* Detonators
  elect. *see* Direct-current machinery
Bootlegging *see* Offenses
Boots *see* Footwear
Boquerón Paraguay *area* –892 2
Bora *see* Winds
Boracite
  mineralogy *see* Boron geology
Borage
  agriculture
    economics 338.17+
    technology
      floriculture 635.933+
      garden crops 635.7
  see also Boraginales
Boraginaceae *see* Boraginales
Boraginales
  botany 583.77
  floriculture 635.933+
Borates
  chemistry *see* Boron compounds
  minerals *see* Boron geology
Borax
  chemistry *see* Boron compounds
  minerals *see* Boron geology
Borden Co. Tex. *area* –764 853
Border
  defense *see* Home defense
  plants
    botany **581**
    floriculture 635.963
    landscaping **712**
Boric *see* Boron compounds
Borine *see* Boron compounds
Boring
  operations
    hydraulic eng. 627.75
    mining eng. 622.24
    see also other spec. applications
Boring-machinery *see* Turning-machinery
Borneo *area* **–911**
Bornholm Denmark *area* –489 2
Bornite
  mineralogy 549.32
  see also Copper geology
Boron
  compounds
    chemistry **546.671**
    manufacture 661.06+
    pharmacology
      gen. wks. 615.2+
      vet. 636.089+
    see also Organic chemistry
  fabrication *see* Boron industries
  fuel
    technology 662.86
    see also spec. applications
  geology
    gen. wks. 553.633
    mineralogy
      gen. wks. 549.735
      see also spec. minerals

Boron (continued)
  industries
    extractive
      metallurgy 669.79
      mining 622.36+
    manufacturing
      economics 338.47+
      technology 673.79
  metabolism *see* Micronutrient elements
  metallography *see* Boron properties
  mineralogy *see* Boron geology
  mining *see* Boron industries
  products *see spec. subj.*
  properties
    chemistry **546.671**
    engineering 620.189 9
    metallography 669.957+
    see also Radiochemistry
Boroughs *see* Communities
Borrowing
  public *see* Public debts
Borzois *see* Hounds
Bosnia Yugoslavia *area* –†497 42
Bosque Co. Tex. *area* –764 518
Bosses
  geology
    gen. wks. 551.88
    see also spec. ores
Bossier Par. La. *area* –763 97
Boston Mts.
  gen. wks. ***area* –767 1**
  Okla. ***area* –766 8**
Boston
  terriers *see* Nonsporting dogs
Botanic
  medicine *see* Eclectic medicine
Botanical
  drugs
    chemistry 547.72
    pharmacology
      gen. wks. **615.32**
      vet. sci. **636.089+**
    see also Medicinal plants
  garden buildings *see* Research buildings
Botanical (continued)
  gardens
    exhibits 580.744
    see also Recreational land
  paleontology *see* Paleobotany
  sciences
    agriculture **631–632**
    botany **581**
    paleobotany **561**
    see also ***s.s.*–015+**
Botany
  agricultural **630.28**
  see also Botanical sciences
Botetourt Co. Va. *area* –755 83
Bothriocidaroida *see* Echinoidea
Bottineau Co. N.D. *area* –784 61
Botulism *see* Bacillary intoxications
Bouches-du-Rhône France *area* –449 1
Bougainvillea *see* Thymelaeales
Boulder Co. Colo. *area* –788 63
Boundary Co. Ida. *area* –796 98
Boundary
  layers
    aerodynamics engineering
      aircraft 629.132 37
      spacecraft 629.415 1
    physics 533.62+
  surveying
    gen. wks. 526.92
    see also spec. applications
Bourbon Co.
  Kan. *area* –781 97
  Ky. *area* –769 42
Bourbon
  whisky *see* Spirits (alcoholic)
Bourbonnais France *area* –445 7
Bourgeoisie *see* Social classes
Bournonite
  mineralogy 549.35
  see also component elements
Bourse
  buildings *see* Commercial buildings
Bourses *see* Investment institutions

Boutonneuse fever *see* Rickettsial diseases
Boutonnieres
  customs 391.4
  see also Floral arts
Bouvet Isl. *area* –97
Bovoidea
  paleozoology 569.73
  zoology 599.735 8
Bowed
  instruments
    manufacture
      economics 338.47+
      technology 681.81+
    music **†787.01**
Bowfins *see* Amioidea
Bowie Co. Tex. *area* –764 197
Bowling
  activity *see* Indoor ball games
  alleys *see* Recreation buildings
  equipment *see* Recreational equipment
Bowman Co. N.D. *area* –784 92
Bowstring
  bridges *see* Girder bridges
Box
  Butte Co. Neb. *area* –782 94
  Elder Co. Utah *area* –792 42
Box
  elder trees
    culture 635.977+
    forestry 634.973+
    see also Sapindales
  lumber *see* Sawmill products
Boxcars *see* Trains
Boxers (dogs) *see* Working dogs
Boxes
  gen. wks. *see* Containers
  paper *see* Converted paper products
  wooden *see* Cooperage
Boxing
  ethics 175.6
  sports
    management 658.91+
    performance 796.83
Boxing-gloves *see* Handwear
Boxwood
  trees
    culture 635.977+
    forestry 634.973+
    see also Hamamelidales
Boy Scouts *see* Young people organizations
Boyacá Colombia *area* –861 3
Boycotts
  labor *see* Union-management disputes
  sociology *see* Group behavior
Boyd Co.
  Ky. *area* –769 27
  Neb. *area* –782 72
Boyer River Ia.
  gen. wks. *area* –777 4
  see also other areas
Boyle Co. Ky. *area* –769 52
Boys (children) *see* Children
Boys'
  clothing *see* Garments
  club
    buildings *see* Recreation buildings
  clubs *see* Young people organizations
  Town *see* Junior republics
Boysenberries
  agriculture
    economics 338.17+
    technology **634.718**
  food 641.34+
  marketing 658.809+
  processing *see spec. products*
  see also Rosales
Bozcaada Turkey *see* Tenedos
Brabant Belgium *area* –493 3
Bracelets *see* Jewelry
Braces *see* Fastenings
Brachiopoda
  culture 639.7
  paleozoology 564.8
  zoology 594.8
Brachyura
  culture 639.54+
  paleozoology 565.38
  zoology 595.384 2
Bracken Co. Ky. *area* –769 325

Brackish
  water *see* Salt-water
Bradford Co.
  Fla. *area* –759 15
  Pa. *area* –748 57
Bradley Co.
  Ark. *area* –767 63
  Tenn. *area* –768 87
Bradyodonti *see* Chondrichthyes
Braga Portugal *area* –469 12
Bragança Portugal *area* –469 2
Brahmanism
  culture groups
    geography 910.091+
    history 909.09+
    subject treatment *area* –176+
  philosophy **181.4**
  religion **294**
Brahmaputra River
  gen. wks. *area* **–54**
  see also other areas
Braiding
  crafts 746.41
  industry
    economics 338.47+
    technology 677.54
  study & teaching
    elementary ed. 372.55
    see also ***s.s.*–07**
Braids *see* Passementerie
Braille
  publications
    economics 338.47+
    library treatment 025.179 2
    technology
      printing 655.382
      publishing 655.579+
  study & teaching 371.911
Brain
  anatomy
    animals
      vet. sci. 636.089+
      zoology 591.48
    man 611.81
  diseases
    animals
      vet. sci. **636.089+**
      zoology 591.2
Brain
  diseases (continued)
    man
      medicine **616.8**
      pediatrics **618.92+**
      surgery **617.481**
  physiology
    animals
      vet. sci. **636.089+**
      zoology 591.18
    man **612.82**
Brainwashing
  mental hygiene **†614.58**
  psychology †153.853
Braising
  cookery *see* Cooking processes
Brakes
  motor vehicles *see* Chassis
Branch Co. Mich. *area* –774 21
Branch
  banking *see* Financial institutions
  stores *see* Retail marketing
Branchiopoda
  culture 639.5
  paleozoology 565.32
  zoology 595.32
Branchiura *see* Copepoda
Brandenburg Germany *area* **–431 5**
Brandies *see* Spirits (alcoholic)
Branding
  husbandry
    gen. wks. 636.081 2
    see also spec. animals
Brant Co. Ont. *area* –713 47
Brantley Co. Ga. *area* –758 753
Brasilia Brazil *area* –817
Brasov Romania *area* –†498 4
Brass *see* Copper alloys
Brasses (musical instruments)
  manufacture
    economics **†338.47+**
    technology **†681.81+**
  music **†788.01**
Brassica
  napobrassica *see* Rutabagas
  oleraceae *see* Cabbages
  rapa *see* Turnips
Brassieres *see* Garments

Brassies *see* Recreational equipment
Brasswork *see* Coppersmithing
Bravery *see* Courage
Braxton Co. W.Va. *area* –754 66
Braziers
heating *see* Radiative heating
Brazil (country) *area* **–81**
Brazil nuts
agriculture
economics 338.17+
technology **634.575**
food 641.34+
processing *see spec. products*
see also Myrtales
Brazing
metals *see* Soldering metals
Brazoria Co. Tex. *area* –764 137
Brazos
Co. Tex. *area* –764 24
River Tex.
gen. wks. *area* **–764 1**
see also other areas
Breach
of peace *see* Offenses
Breadfruit
agriculture
economics 338.17+
technology **634.39**
food 641.34+
processing *see spec. products*
see also Urticales
Breads
cookery
economics 338.47+
technology
commercial 664.752
home 641.8
marketing 658.809+
Breakbone
fever *see* Dengue fever
Breakfast
foods
cookery 641.52
see also spec. foods
Breakfasts *see* Meals
Breakwaters
harbor eng. *see* Harbors
Breastbone *see* Bones
Breasts *see* Mammary glands
Breathing *see* Respiration
Breathitt Co. Ky. *area* –769 19
Breckinridge Co. Ky. *area* –769 854
Brecknock Wales *area* –429 65
Brecon Wales *see* Brecknock
Breeders
livestock
gen. wks. 636.088 1
see also spec. animals
plants *see* Propagational crops
Breeding
habits
animals 591.56
gen. wks. 574.56
plants 581.56
see also spec. organisms
methods
livestock
gen. wks. **636.082 4**
see also spec. animals
Breeds *see* Genetics
Breezes *see* Winds
Bremen Germany *area* –435 2
Bremer Co. Ia. *area* –777 34
Brenner
tumors *see* Gynecology
Brescia Italy *area* –452 6
Breton *see* Celtic
Brevard Co. Fla. *area* –759 27
Breviaries *see* Divine Office
Brevium *see* Rare-earths
Brewed
beverages
alcoholic *see* Beers
nonalcoholic *see spec. kinds*
Brewster Co. Tex. *area* –764 932
Bribery *see* Offenses
Brick
clay *see* Clays
masonry *see* Masonry (construction)
Bricklaying
economics 338.47+
technology 693.21
Bricks
arts 738.6
manufacture
economics **338.47+**
technology **666.737–.738**

Bricks (continued)
materials
construction 691.4
engineering 620.142
see also spec. applications
Bridal
rites *see* Marriage rites
Bridge
engineering *see* Bridges
ties *see* Sawmill products
troops *see* Engineer forces
whist *see* Card games
Bridges
architecture 725.98
construction
economics **338.47+**
technology
civil **624.2**
military 623.67
farm structures 631.28
govt. control
gen. wks. 350.864
see also spec. levels of govt.
see also Transportation services
Bridle
paths *see* Trafficways
Brief
cases *see* Luggage
Brigades *see* Organizational units
Brigand
troops *see* Infantry
Brightness
perception *see* Optics
Bright's
disease *see* Renal disorders
Brigs *see* Sailing craft
Brill's
disease *see* Rickettsial diseases
Brindisi Italy *area* –457 54
Brines *see* Mineralized waters
Brining
food *see* Food preservation
Briquettes *see* Fuels
Briscoe Co. Tex. *area* –764 839
Bristletails
agricultural pests 632.7+
culture 638.57+
see also Synaptera
Bristol, Va. *area* –755 725
Bristol
Bay election district Alaska *area* –798 4
Co.
Mass. *area* –744 85
R.I. *area* –745 5
Bristol
board *see* Paperboard
Britain
ancient *area* –36
modern *see* Great Britain
British
Columbia *area* **–711**
Guiana *area* –881
Honduras *area* –728 2
Isles *area* **–42**
British
system
weights & measures *see* Metrology
Brittany France *area* **–441**
Brittle
stars *see* Ophiuroidea
Broaching
machinery *see* Perforating-machinery
Broad River S.C.-N.C.
gen. wks. *area* –757 41
see also other areas
Broad
beans
agriculture
economics 338.17+
technology **635.651**
food 641.35+
processing *see spec. products*
see also Leguminosae
Broadcast
advertising
economics **338.47+**
technology **659.14**
Broadcasting
activity *see* Telecommunication
stations
architecture 725.23
construction 690.5+

Broadcasting
stations (continued)
engineering
economics **338.47+**
technology
radio **621.384 16**
television 621.388 6
see also other wireless systems
services **384.5**
Broadsides
advertising *see* Direct-mail advertising
collections
general **†080**
see also *s.s.*–08
library treatment 025.172
Broadwater Co. Mont. *area* –786 664
Brocades *see* Fancy-weave fabrics
Brocatelles *see* Fancy-weave fabrics
Broccoli
agriculture
economics 338.17+
technology 635.35
food 641.35+
see also Cruciales
Broiling
cookery *see* Cooking processes
Brokerage
firms *see* Investment institutions
Bromates *see* Halogen compounds
Brome Co. Que. *area* –714 64
Bromeliaceae *see* Bromeliales
Bromeliales
botany 584.22
floriculture 635.934+
Bromides *see* Halogen compounds
Bromination *see* Halogen
Bromine *see* Halogen
Bromites *see* Halogen compounds
Bromoil
process *see* Special-process photography
Bronchi
anatomy *see* Respiratory organs
diseases *see* Respiratory diseases
physiology *see* Respiration
Bronchiectasis *see* Respiratory diseases
Bronchitis *see* Respiratory diseases
Bronchopneumonia *see* Respiratory diseases
Broncos *see* Ponies
Bronx N.Y. *area* –747 275
Bronze
Age
gen. wks. †913.031 5
see also spec. subj.
metal *see* Copper alloys
Bronzework *see* Coppersmithing
Brooches *see* Jewelry
Brooke Co. W.Va. *area* –754 13
Brookings Co. S.D. *area* –783 27
Brooklyn N.Y. *area* –747 23
Brooks Co.
Ga. *area* –758 87
Tex. *area* –764 475
Brooks *see* Water bodies
Broomcorn
millet *see* Sorghums
Broome Co. N.Y. *area* –747 75
Brooms
manufacture
economics 338.47+
technology 679.6
marketing 658.809+
Brotherhoods
religion *see* Religious congregations
Brothers
children *see* Children
gen. wks. *see* Kinship
of the Christian Schools *see* Christian Brothers
Broward Co. Fla. *area* –759 35
Brown Co.
Ill. *area* –773 47
Ind. *area* –772 25
Kan. *area* –781 34
Minn. *area* –776 31
Neb. *area* –782 736

Brown Co. (continued)
O. *area* –771 796
S.D. *area* –783 144
Tex. *area* –764 548
Wis. *area* –775 61
Brown
algae *see* Phaeophyta
coal *see* Coals
wrapper *see* Paper products
Brownian
movements *see* Particles
Brownies (elves) *see* Supernatural beings
Brownouts *see* Camouflage
Brownstones *see* Building stones
Bruce Co. Ont. *area* –713 21
Brucellosis *see* Zoogenous diseases
Bruce's
disease *see* Zoogenous diseases
Brucite
mineralogy 549.53
see also Refractory materials
Brule Co. S.D. *area* –783 38
Brunch *see* Meals
Brunei *area* –911 54
Brunelliaceae *see* Cunoniales
Bruniaceae *see* Hamamelidales
Brunswick, Germany *area* –435
Brunswick Co.
N.C. *area* –756 29
Va. *area* –755 575
Brushes
grooming equip. **646.7**
manufacture
economics 338.47+
technology 679.6
marketing 658.809+
painting equip.
arts 751.3
construction 698.102 82
see also spec. applications
Brussels sprouts
agriculture
economics 338.17+
technology **635.36**
food 641.35+
see also Cruciales
Bruttium Italy *area* –377
Bryales *see* Musci
Bryan Co.
Ga. *area* –758 73
Okla. *area* –766 62
Bryansk RSFSR *area* –476
Bryce Canyon National Park
gen. wks. *area* –792 51
see also other areas
Bryophyta
botany **588**
floriculture **635.938+**
paleobotany 561.8
Bryophytes *see* Bryophyta
Bryozoa
culture **639.7**
paleozoology 564.7
zoology **594.7**
Brythonic *see* Celtic
Bubbles *see* Surface phenomena
Bubonic
plague *see* Pasteurella diseases
Buccal
cavity *see* Mouth
diseases
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.31**
pediatrics **618.92+**
surgery **617.522**
Buccaneers *see* Pirates
Bucerotes *see* Coraciiformes
Buchanan Co.
Ia. *area* –777 38
Mo. *area* –778 13
Va. *area* –755 75
Bucharest Romania *see* Bucuresti
Buck
beans *see* Gentianales
Buckingham, Eng. *area* –425 75
Buckingham Co. Va. *area* –755 62
Bucks Co. Pa. *area* –748 21
Buckthorn
agriculture
economics 338.17+
technology 633.88+

Buckthorn (continued)
pharmacology
animals
gen. wks. 636.089+
see also spec. animals
man 615.32+
see also Rhamnales
Buckwheat
agriculture
economics 338.17+
technology
forage crops 633.25+
grain crops 633.12
flour *see* Buckwheat food
fodder
gen. wks. 636.086
see also spec. animals
food
cookery 641.6+
gen. wks. 641.331+
processing
economics 338.47+
technology 664.725
see also Polygoneales
Bucuresti Romania *area* –498 2
Buddha
religion 294.363
see also other spec. aspects
Buddhism
culture groups
geography 910.091+
history 909.09+
subj. treatment *area* –176+
philosophy 181.04+
religion 294.3
Budgerigars
culture 636.686 4
disease carriers *see* Disease carriers
hunting
industries 639.12+
sports 799.248+
see also Psittaciformes
Budget (The) *see* Budgets
Budget
accounts *see* Credit
Budgetary
control *see* Financial administration
Budgets
administration *see* Financial administration
economics
private 332
public 336.3
Buena Vista, Va. *area* –755 85
Buena Vista Co. Ia. *area* –777 18
Buenos Aires Argentina *area* –821
Buffalo Co.
Neb. *area* –782 45
S.D. *area* –783 31
Wis. *area* –775 48
Buffalo
berries
agriculture
economics 338.17+
technology 634.74
food 641.34+
processing *see spec. products*
see also Rhamnales
Buffaloes *see* Bison
Buffet
suppers *see* Hospitality
Buffet-car
cookery *see* Quantity cookery
Buffets *see* Furniture
Buffing
metals *see* Surface finishing
Bugle
corps *see* Bands
Bugles
manufacture
economics 338.47+
technology 681.81+
music 788.1
Bugs
agricultural pests 632.7+
culture 638.57+
see also Hemiptera
Building
cooperatives *see* Cooperatives
papers
manufacture
economics 338.47+
technology 676.289
marketing 658.809+

Building
papers (continued)
materials
construction 691.9
engineering 620.19
stones
geology
gen. wks. 553.5
mineralogy *see spec. minerals*
industries
construction
economics 338.47+
technology 693.1
extractive
economics 338.27+
technology 622.35
mineralogy *see* Building stones geology
mining *see* Building stones industries
properties
construction 691.2
engineering 620.132
quarrying *see* Building stones industries
see also spec. structures
Buildings
architecture 720
construction
economics 338.47+
technology 690
landscape element 717
pub. health 614.79
see also Architectural subjects
Built-in
furniture *see* Furniture
Bukovina *area* –†498 4
Bulbs (lamps) *see* Illumination fixtures
Bulbs (plants)
agricultural crops
economics 338.17+
technology 631.526
propagation methods 631.532
Bulgaria *area* –497 7
Bulgarian
ethnic groups *area* –174+
language 491.81
lingual groups *area* –175+
see also other spec. subj.
Bulk
carriers *see* Merchant ships
mail *see* Postal communication
modulus *see* Elasticity
Bulkhead
framing *see* Hull construction
Bull Shoals Lake
gen. wks. *area* –767 19
see also other areas
Bull
fiddles *see* Contrabasses
Moose Party *see* Political parties
Bulldogs *see* Nonsporting dogs
Bulldozers *see* Tractors
Bullets *see* Small-arms ammunition
Bullfighting *see* Animal performances
Bullis
fever *see* Rickettsial diseases
Bullitt Co. Ky. *area* –769 45
Bulloch Co. Ga. *area* –758 766
Bullock Co. Ala. *area* –761 48
Bulls *see spec. animals*
Bully
trees *see* Beefwood trees
Bumblebees *see* Bees
Buncombe Co. N.C. *area* –756 88
Bundling
customs *see* Courtship
Bungalow
sidings *see* Pattern lumber
Bunker
oil *see* Petroleum products
Buntings *see* Finches
Bunts
diseases *see* Fungus diseases
organisms *see* Ustilaginales
Buoyancy *see* Hydrostatics
Buoys
installation 627.924
navigation 623.894+
see also Safety measures
Bur reeds *see* Sparganiaceae
Burbot-liver oil *see* Fish-liver oils
Burdach
column *see* Spinal cord
Burdur Turkey *area* –562

Bureau Co. Ill. *area* –773 37
Bureaucracy
  government
    gen. wks. 350.001
    see also spec. levels of govt.
  see also spec. organizations
Burgenland Austria *area* –436 15
Burglar
  alarms *see* Alarm systems
Burglars *see* Offenders
Burglary
  crime *see* Offenses
  insurance
    gen. wks. **368.82**
    see also Financial institutions
  psychopathic *see* Personality disorders
Burgos Spain *area* –463 53
Burgundy France ***area* –444**
Burgundy (wine) *see* Wines
Burial
  places *see* Cemeteries
  rites *see* Funeral rites
Buried
  cities
    ancient *see* Ancient world
  treasure
    adventure 910.453
    fiction *see* Fiction
Burke Co.
  Ga. *area* –758 65
  N.C. *area* –756 85
  N.D. *area* –784 72
Burlap *see* Hemp textiles
Burleigh Co. N.D. *area* –784 77
Burleson Co. Tex. *area* –764 241
Burlesque (theater) *see* Drama
Burlington Co. N.J. *area* –749 61
Burma *area* –†591
Burmanniaceae *see* Burmanniales
Burmanniales
  botany 584.13
  floriculture 635.934+
Burmese
  ethnic groups *area* –174+
  language **495.8**
  lingual groups *area* –175+
  see also other spec. subj.
Burnet Co. Tex. *area* –764 63
Burnett Co. Wis. *area* –775 14
Burning
  explosives *see* Explosives
Burns *see* Injuries
Burros *see* Asses
Bursa Turkey *area* –†563
Burseraceae *see* Rutales
Burt Co. Neb. *area* –782 24
Burundi *area* –675 72
Buryat ASSR *area* –†575
Buryat (subject) *see* Mongolic
Burying beetles
  agricultural pests 632.7+
  culture 638.57+
  see also Polyphaga
Burying grounds *see* Cemeteries
Bus
  insurance *see* Transportation insurance
  terminal
    buildings *see* Transportation buildings
Buses *see* Motor vehicles
Bush
  clovers
    agriculture
      economics 338.17+
      technology **633.364**
    fodder
      gen. wks. 636.086
      see also spec. animals
    see also Leguminosae
Bushes *see* Shrubs
Bushman *see* Macro-Khoisan
Business
  arithmetic
    gen. wks. 511.8
    see also *s.s.*–015+
  buildings *see* Commercial buildings
  colleges *see* Vocational education
  cycles
    economics
      gen. wks. **338.54**
      see also spec. industries
    see also hist. of spec. areas
  districts *see* Commercial areas

Business (continued)
  education *see* Vocational education
  enterprises
    economics **338**
    pol. status 322.3
    technology **650**
    see also *s.s.*–065
  ethics *see* Occupational ethics
  insurance
    gen. wks. **368.81**
    see also Financial institutions
  law *see* Commercial law
  libraries
    gen. wks. 027.69
    see also spec. functions
  machines
    gen. wks. 651.26
    see also spec. machines
  see also Economic order
Buskerud Norway *area* –482
Busts *see* Human figure
Butadiene-styrene
  rubbers *see* Elastomers
Butcher
  papers *see* Paper products
Bute Scotland *area* –413 9
Butler Co.
  Ala. *area* –761 37
  Ia. *area* –777 29
  Kan. *area* –781 88
  Ky. *area* –769 755
  Mo. *area* –778 93
  Neb. *area* –782 32
  O. *area* –771 75
  Pa. *area* –748 91
Butlers *see* Domestic employees
Butomaceae *see* Butomales
Butomales
  botany 584.73
  floriculture 635.934+
Butte Co.
  Calif. *area* –794 32
  Ida. *area* –796 59
  S.D. *area* –783 43
Butter
  food
    gen. wks. 641.37+
    see also Dairy products
Butter (continued)
  industry
    economics 338.17+
    technology **637.2**
Butter-beans *see* Garden beans
Buttercups *see* Ranales
Butterflies
  agricultural pests 632.7+
  culture 638.57+
  see also Rhopalocera
Buttermaking *see* Butter industry
Butternuts *see* Walnuts
Buttons
  customs 391.45
  home sewing 646.1
  manufacture
    economics 338.47+
    technology 688
  marketing
    services 380.145+
    technology 658.809+
Buttonwood
  trees
    culture 635.977+
    forestry 634.973+
    see also Hamamelidales
Buttresses *see* Columnar constructions
Butts Co. Ga. *area* –758 585
Buxaceae *see* Hamamelidales
Buying *see* Procurement
Buzz
  bombs *see* Tactical rockets
  games
    entertainment 793.7
    folklore 398.8
  groups *see* Discussion methods
Buzzards *see* Hawks
Buzzers *see* Alarm systems
Byblidaceae *see* Pittosporales
Bydgoszcz Poland *area* –†438 2
By-products
  management 658.567
  production *see* Waste salvage
  spec. industries *see spec. industries*
Byzantium *see* Istanbul

C

CENTO *see* Central Treaty Organization
COD
  mail *see* Postal communication
CP
  projectiles *see* Special-purpose projectiles
CPA
  practice *see* Public accounting
C vitamin *see* Vitamins
Caaguazú Paraguay *area* –892 1
Caazapá Paraguay *area* –892 1
Cabala
  literature 809.935+
  religion 296.16
  see also Occultism
Cabalism *see* Occultism
Cabalistic
  traditions *see* Mystic traditions
Cabaret
  shows *see* Drama
Cabarrus Co. N.C. *area* –756 72
Cabbages
  agriculture
    economics 338.17+
    technology 635.34
  food 641.35+
  marketing 658.809+
  processing *see spec. products*
  see also Cruciales
Cabell Co. W.Va. *area* –754 42
Cabet
  socialism *see* Ideal states
Cabinda Angola *area* –673 1
Cabinet
  organs *see* Reed organs
  system *see* Cabinets (government agencies)
Cabinets (furniture) *see* Furniture
Cabinets (government agencies)
  gen. wks. 350.005
  see also spec. levels of govt.
Cable
  laying
    economics 338.47+
    technology 621.319 34
  railways *see* Special-purpose railways
  telegraphy *see* Telecommunication
Cables
  engineering
    materials 620.112 88
    structures 624.177 4
    see also spec. kinds
  manufacture
    gen. wks. 671.84
    see also spec. metals
  power transmission **621.319 3**
  see also Cordage
Cabomba *see* Ranales
Cabombaceae *see* Ranales
Cabooses *see* Trains
Cabs *see* Motor vehicles
Cacao
  butter *see* Fats
  nuts
    agriculture
      economics 338.17+
      technology **633.74**
    food
      beverage 641.877
      cookery 641.6+
      gen. wks. 641.337+
      processing
        economics 338.47+
        technology 663.92
  trees
    culture 635.933+
    forestry 634.973+
  see also Tiliales
Cáceres Spain *area* –462 8
Cache Co. Utah *area* –792 12
Cacomistles *see* Procyonines
Cactaceae *see* Cactales
Cactales
  botany 583.47
  floriculture 635.933+
Cactus
  figs *see* Prickly pears
  plants *see* Cactales
Cadastration *see* Taxation

Caddis
  flies
    agricultural pests 632.7+
    culture 638.57+
    see also Trichoptera
Caddo
  Co. Okla. *area* –766 41
  Par. La. *area* –763 99
Cádiz Spain *area* –468 8
Cadmium
  alloys
    manufacture
      economics 338.47+
      technology 673.5
    metallurgy 669.5
    properties
      chemistry **546.662**
      engineering 620.184
      metallography 669.955+
  compounds
    chemistry **546.662**
    manufacture **661.06+**
    see also Organic chemistry
  fabrication *see* Cadmium industries
  geology
    gen. wks. 553.662
    mineralogy *see spec. minerals*
  industries
    extractive
      metallurgy 669.5
      mining 622.36+
    manufacturing
      economics 338.47+
      technology 673.5
  metallography *see* Cadmium properties
  mineralogy *see* Cadmium geology
  mining *see* Cadmium industries
  products *see spec. subj.*
  properties
    chemistry **546.662**
    engineering 620.184
    metallography 669.955
    see also Radiochemistry
Caecilians *see* Apoda (Amphibia)
Caecum *see* Intestines
Caenagnathiformes *see* Palaeognathae
Caernarvon Wales *area* –429 2
Caesalpiniaceae *see* Leguminosae
Caesarian
  section
    animals
      gen. wks. 636.089+
      see also spec. animals
    man 618.86
Caesarism *see* Despotic states
Caesium *see* Cesium
Cafe
  areas *see* Restaurant areas
  buildings *see* Restaurant buildings
  meals *see* Restaurant meals
Cafeteria
  areas *see* Restaurant areas
  buildings *see* Restaurant buildings
  meals
    cookery *see* Quantity cookery
    service 642.57
Cafeterias
  public *see* Public accommodations
  school equipment *see* School buildings
Caffeine *see* Botanical drugs
Cages
  agricultural equipment *see* Shelters
  elevators *see* Elevators (lifts)
Cagliari Sardinia *area* –459 1
Caicos Isls. *area* –729 61
Caisson
  method *see* Subaqueous foundations
Caissons (gun mounts) *see* Gun mounts
Caithness Scotland *area* –411 3
Cajamarca Peru *area* –851
Cajun *see* Dialectology
Cakes *see* Bakery products
Cakewalk *see* Dancing
Calabria Italy
  ancient *area* –377
  modern ***area* –457 8**

Calamitales *see* Sphenopsida
Calamopityaceae *see* Pteridospermae
Calaveras Co. Calif. *area* –794 44
Calaverite
  mineralogy 549.32
  see also Gold geology
Calcasieu Par. La. *area* –763 54
Calcified
  fetuses *see* Fetal abnormalities
Calcimining *see* Whitewashing
Calcispongiae *see* Porifera
Calcite
  cementing material *see* Cementing materials
  mineralogy 549.782
  see also Calcium geology
Calcium
  compounds
    chemistry **546.393**
    manufacture **661.03+**
    pharmacology
      gen. wks. **615.2+**
      veterinary **636.089+**
  cyanamide
    fertilizers *see* Cyanamide fertilizers
  fabrication *see* Calcium industries
  geology
    gen. wks. **553.5–.6**
    mineralogy *see spec. minerals*
  industries
    extractive
      metallurgy 669.725
      mining 622.3+
    manufacturing
      economics 338.47+
      technology 673.725
  metabolism *see* Macronutrient elements
  metallography *see* Calcium properties
  mineralogy *see* Calcium geology
  mining *see* Calcium industries
Calcium (continued)
  nitrate
    fertilizers *see* Nitrates fertilizers
  products *see spec. subj.*
  properties
    chemistry **546.393**
    engineering 620.189 6
    metallography 669.957+
    see also Radiochemistry
  soil conditioners *see* Soil conditioners
Calculating
  machines *see* Digital machines
Calculators *see* Digital machines
Calculus
  gen. wks. **517**
  see also ***s.s.*–015+**
Caldas Colombia *area* –861 3
Caldwell
  Co.
    Ky. *area* –769 815
    Mo. *area* –778 185
    N.C. *area* –756 845
    Tex. *area* –764 33
  Par. La. *area* –763 76
Caledonia (ancient region) *area* –36
Caledonia Co. Vt. *area* –743 3
Calendars
  advertising *see* Specialty advertisements
  art *see* Commercial art
  chronology **529.3–.5**
  religion *see* Liturgical year
Calendering
  paper *see* Papermaking
  textiles *see* Textiles
Calendulas *see* Asterales
Calhoun Co.
  Ala. *area* –761 63
  Ark. *area* –767 64
  Fla. *area* –759 94
  Ga. *area* –758 956
  Ill. *area* –773 85
  Ia. *area* –777 43
  Mich. *area* –774 22
  Miss. *area* –762 81

Calhoun Co. (continued)
  S.C. *area* –757 72
  Tex. *area* –764 121
  W.Va. *area* –754 29
Calibration *see* Measurements
California ***area* –794**
Californium *see* Rare-earths
Calisthenics *see* Gymnastics
Call
  systems *see* Public address systems
Calla lilies *see* Arales
Callahan Co. Tex. *area* –764 726
Callao Peru *area* –852
Callaway Co. Mo. *area* –778 335
Calligraphic
  etching *see* Aquatinting
Calligraphy
  gen. wks. **741**
  see also Handwriting
Calliopsis *see* Asterales
Callipteris
  gen. wks. 561.597
  see also *s.s.*–015+
Callithricidae *see* Anthropoidea
Callitrichiaceae *see* Lythrales
Callixylon *see* Cordaitales
Callosum *see* Brain
Calloway Co. Ky. *area* –769 92
Caloric
  engines *see* Power plants
Calorimeters
  manufacture
    economics 338.47+
    technology 681.2
  see also Calorimetry
Calorimetry
  chemistry 541.362
  engineering
    gen. wks. 621.402
    see also spec. branches
  physics **536.6**
Calotype
  process *see* Special-process photography
Caltanissetta Sicily *area* –458 21
Calumet Co. Wis. *area* –775 66
Calurea *see* Urea fertilizers
Calvados France *area* –442 2
Calvert Co. Md. *area* –752 44
Calves *see spec. animals*
Calvinism *see* Calvinistic churches
Calvinistic
  churches
    religion
      American **285–286**
      European **284.2**
    see also Church buildings
Calycanthaceae *see* Rosales
Calyceraceae *see* Valerianales
Camas Co. Ida. *area* –796 31
Camberwell London *area* –421 6
Cambistry *see* Foreign exchange
Cambium
  layers *see* Circulatory organs
Cambodia *area* –596
Cambodian *see* Austroasian
Cambria Co. Pa. *area* –748 77
Cambrian
  period *see* Paleozoic era
Cambridge Eng. *area* –425 9
Cambridge
  economic school *see* Economic systems
Camden Co.
  Ga. *area* –758 746
  Mo. *area* –778 54
  N.J. *area* –749 87
  N.C. *area* –756 135
Camel-hair
  textiles *see* Specialty textiles
Camellias *see* Theales
Camels
  culture 636.295
  see also Tylopoda
Cameos *see* Carvings
Cameralism
  economics *see* Economic systems
Cameras
  manufacture
    economics 338.47+
    technology 681.13
  photography **771.3**
Camerata *see* Crinoidea
Cameron
  Co.
    Pa. *area* –748 66
    Tex. *area* –764 495
  Par. La. *area* –763 52

Cameroun *area* –671 1
Camomiles *see* Asterales
Camouflage
mil. engineering †623.77
mil. sci.
gen. wks. **355.4**
tech. forces *see* Technical forces
see also spec. mil. branches
see also hist. of spec. wars
Camp Co. Tex. *area* –764 219
Camp
beds *see* Camp equipment
equipment
manufacture 685.53
mil. sci.
gen. wks. 355.81
see also spec. mil. branches
recreational use *see* Outdoor life
Fire Girls *see* Young people organizations
making
tactics *see* Logistics
training *see* Training maneuvers
meals *see* Outdoor meals
meeting
music *see* Evangelistic music
meetings
religion *see* Spiritual renewal
Campaign
plans
mil. sci. *see* Strategy
pol. sci. *see* Practical politics
songs *see* National songs
Campaigns
mil. sci.
analysis
gen. wks. 355.48
see also spec. mil. branches
see also hist. of spec. wars
pol. sci. *see* Practical politics
Campanales
botany 583.57
floriculture 635.933+
Campania Italy
ancient *area* –377
modern ***area* –457 2**
Campaniles *see* Towers
Campanulaceae *see* Campanales
Campbell Co.
Ga. *area* –758 23
Ky. *area* –769 34
S.D. *area* –783 17
Tenn. *area* –768 72
Va. *area* –755 67
Wyo. *area* –787 12
Campbellites *see* Disciples of Christ
Campeche Mexico *area* –726
Campfires *see* Outdoor life
Camphor
trees
culture 635.977+
forestry 634.973+
see also Laurales
Camping
activity *see* Outdoor life
gear *see* Camp equipment
Campobasso Italy *area* –457 19
Camps
military *see* Quarters
Campstools *see* Camp equipment
Campuses *see* School areas
Cams
engineering
economics 338.47+
technology
gen. wks. 621.838
see also spec. branches
see also spec. applications
Canaanite-Phoenician
ethnic groups *area* –174+
languages 492.6
lingual groups *area* –175+
see also other subj.
Canaanitic
ethnic groups *area* –174+
languages **492.4–.6**
lingual groups *area* –175+
see also other spec. subj.
Canada ***area* –71**

Canadian
Co. Okla *area* –766 39
River
gen. wks. ***area* –766 1**
see also other areas
Canadian
football *see* Football
Canakkale Turkey *area* –562
Canal
tunnels *see* Tunnels
Canalboats *see* Towed craft
Canals
drainage *see* Drainage structures
engineering
economics **338.47+**
technology **627.13**
irrigation *see* Irrigation
transportation **386.4**
Canandaigua Lake N.Y.
gen. wks. *area* –747 86
see also other areas
Canapés *see* Auxiliary foods
Cañar Ecuador *area* –866 2
Canaries *see* Finches
Canary Isls. *area* –649
Canary
grasses *see* Pooideae
Canasta *see* Card games
Canberra Australia *area* –947
Cancers *see* Malignant neoplasms
Candelabras
art metalwork
gold 739.228
see also other metals
furnishing *see* Illumination fixtures
see also Sacred furniture
Candelilla
wax *see* Waxes
Candies
marketing 658.809+
production
economics 338.47+
technology
commercial 664.153
domestic 641.853
Candleberry
wax *see* Waxes
Candlemas *see* Holy days
Candler Co. Ga. *area* –758 77
Candles
customs
private 392.36
public 394
interior decoration
art 747.92
home economics
gen. wks. 644.3
table decor *see* Table decor
lighting systems 621.323
manufacture
economics 338.47+
technology 665.19
Candytuft *see* Cruciales
Cane
sugar
food 641.336
manufacture
economics **338.47+**
technology **664.122**
marketing **658.809+**
Canea Greece *area* –499 8
Canellaceae *see* Bixales
Canelones Uruguay *area* –895 1
Canes *see* Walking canes
Canework *see* Basketry
Canidae
paleozoology 569.74
zoology 599.744 42
Canine
corps
services †363.248
training 636.708+
Canines *see* Dogs
Canister
projectiles *see* Special-purpose projectiles
Cankiri Turkey *area* –†563
Cannabinaceae *see* Urticales
Cannabis
sativa *see* Hemp
Cannaceae *see* Zingiberales
Cannas *see* Zingiberales
Cannel
coal *see* Coals
Cannibalism
religion
comparative 291.38
see also spec. rel.
war *see* War customs

Canning
food *see* Food preservation
Cannon Co. Tenn. *area* –768 535
Cannon
mounts *see* Gun mounts
Cannons *see* Artillery (pieces)
Canoe
club
buildings *see* Recreation buildings
polo *see* Water games
Canoeing *see* Boating
Canoes *see* Hand-propelled craft
Canoidea
paleozoology 569.74
zoology **599.744 4**
Canon
law *see* Religious law
music
gen. wks. 781.42
see also spec. mediums
Canonical
hours *see* Divine Office
matrices *see* Matrices
Canons *see* Religious law
Cantal France *area* –445 92
Cantaloupes *see* Muskmelons
Cantatas
sacred **783.4**
secular **782.82**
Canteen
meals
cookery *see* Quantity cookery
service 642.57
Canteens
military *see* Military buildings
public *see* Public accommodations
Canterbury N.Z. *area* –931 55
Canterbury
bells *see* Campanales
Cantharoidea *see* Polyphaga
Canticle of Canticles *see* Song of Solomon
Canticles *see* Songs
Cantilever
bridges *see* Trussed bridges
foundations *see* Foundations (structures)
Canton
crepe *see* Silk textiles
Cantonments
military *see* Quarters
Cantor's
theory *see* Numbers (symbols)
Canvassing *see* Salesmanship
Canyon Co. Ida. *area* –796 23
Canzonets *see* Choral music
Capacitance
standards *see* Measurements
Capacitors *see* Condensers
Cape
Breton Isl. N.S. *area* **–716 9**
Cod Mass. *area* –744 9
Fear River N.C.
gen. wks. *area* **–756 2**
see also other areas
Girardeau Co. Mo. *area* –778 96
May Co. N.J. *area* –749 98
of Good Hope South Africa *area* –687
Verde Isls. *area* –665 8
Capella *see* Binary stars
Capers
agriculture
economics 338.17+
technology 633.84
food 641.338+
marketing 658.809+
processing *see spec. products*
see also Capparidales
Capillaries *see* Blood vessels
Capillarity
biology *see* Circulation
chemistry *see* Surface phenomena
Capillary
analysis *see* Chromatographic analysis
Capital
goods
gen. wks. **339**
see also Finance
punishment
ethics 179.7
see also Punishments
Capitalism *see* Economic systems

Capitalization
finance *see* Financial administration
Capital-surplus
accounting *see* Financial accounting
Capitol
buildings *see* Government buildings
Capitulations *see* Diplomacy
Capons *see* Chickens
Cappadocia *area* –393 4
Capparidaceae *see* Capparidales
Capparidales
botany 583.13
floriculture 635.933+
Caprellidea *see* Amphipoda
Caprifoliaceae *see* Rubiales
Caprimulgi *see* Caprimulgiformes
Caprimulgiformes
paleozoology 568.9
zoology 598.99
Caps *see* Garments
Capstans
gen. wks. *see* Materials-handling equipment
ships *see* Nautical equipment
Capsules
drugs *see* Medicinal tablets
Captains *see* Personnel
Captive
balloons *see* Lighter-than-air aircraft
Captives
wars *see* War prisoners
Captured
soldiers *see* War prisoners
Capuchins *see* Franciscans
Caquetá Colombia *area* –861 6
Car
posters
advertising *see* Transportation advertising
Carabao *see* Water buffaloes
Carabobo Venezuela *area* –873
Caraboidea *see* Adephaga
Caracas Venezuela *area* –877
Caramels *see* Candies
Carangoidea *see* Acanthopterygii
Caravels *see* Historic ships
Caraway
agriculture
economics 338.17+
technology 635.7
food 641.35+
marketing 658.809+
processing *see spec. products*
see also Umbelliflorae
Carbides *see* Carbon compounds
Carbines *see* Small arms
Carbohydrases *see* Enzymes
Carbohydrate
metabolism *see* Metabolism
Carbohydrates
biochemistry
biology
animals †591.192+
gen. wks. †574.192 94
plants †581.192+
see also spec. organisms
med. sci.
animals
gen. wks. 636.089+
see also spec. animals
man
gen. wks. 612.015
see also spec. organs
chemistry **547.78**
nutrition
livestock
gen. wks. 636.085 2
see also spec. animals
man
hygiene 613.2
gen. wks. 641.13
pharmacology
gen. wks. **615.3**
veterinary **636.089+**
see also spec. applications
Carbon Co.
Mont. *area* –786 652
Pa. *area* –748 26
Utah *area* –792 566
Wyo. *area* –787 86
Carbon
assimilation *see* Photosynthesis

Carbon (continued)
black *see* Adsorbent carbons
compounds
chemistry
inorganic **546.681**
organic **547**
manufacture
gases **665.8**
inorganic **661.06+**
organic **661.8**
pharmacology
gen. wks.
inorganic **615.2+**
organic **615.3**
veterinary **636.089+**
dioxide
compound *see* Carbon compounds
therapy *see* Aerotherapeutics
disulfide *see* Carbon compounds
geology
gen. wks. **553.2**
mineralogy
element 549.27
minerals *see spec. minerals*
industries *see spec. ind.*
metabolism *see* Metabolism
mineralogy *see* Carbon geology
mining *see spec. ind.*
monoxide *see* Carbon compounds
products *see spec. subj.*
properties
chemistry **546.681**
engineering 620.196
see also Radiochemistry
steel *see* Iron alloys
tetrachloride *see* Carbon compounds
Carbonaceous
deposits
geology **553.2**
mining
economics **338.27+**
technology **622.33**
see also spec. deposits
Carbonado *see* Abrasive materials
Carbonated
drinks *see* Soft drinks
water *see* Mineralized waters
Carbonates
chemistry *see* Carbon compounds
mineralogy
gen. wks. **549.78**
see also Carbon geology
Carboniferous
period *see* Paleozoic era
Carbonization
process
gen. wks. **662.7**
see also spec. products
see also Pyrolysis
Carbro
process *see* Special-process photography
Carbuncles *see* Pustular eruptions
Carbureted-blue
gas *see* Industrial gases
Carburetors *see* Fuel systems
Carchi Ecuador *area* –866 1
Carcinomas *see* Malignant neoplasms
Card
games
customs 394.3
equipment *see* Recreational equipment
ethics 175.5
gen. wks. **795.4**
Cardamon
agriculture
economics †338.17+
technology †633.83
food †641.338+
marketing 658.809+
processing *see spec. products*
see also Zingiberales
Cardboard
manufacture *see* Paperboard
Cardiac
disorders
animals
vet. sci. **636.089+**

Cardiac
disorders
animals (continued)
zoology 591.2
see also spec. animals
man
gen. wks. **616.12**
pediatrics **618.92+**
surgery **617.412**
drugs *see* Cardiovascular drugs
muscle tissues
histology *see* Histology
valves *see* Heart
Cardigan Wales *area* –429 5
Cardinals (birds) *see* Fringillidae
Cardinals (clergy) *see* Clergy
Cardiovascular
disorders
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
gen. wks. **616.1**
pediatrics **618.921**
surgery **617.41**
drugs
pharmacodynamics
med. sci. **615.71**
vet. sci.
gen. wks. **636.089+**
see also spec. animals
see also Pharmacology
organs *see* Circulatory organs
system *see* Circulation
Cardoon *see* Artichokes
Cargados Carajos Shoals *area* –698
Cargo
aircraft *see* Heavier-than-air aircraft
insurance *see* Transportation insurance
ships *see* Merchant ships
Cargo-handling
equipment *see spec. terminal facilities*
operations *see* Transportation services
Caria *area* –392 4
Cariamae *see* Gruiformes
Caribbean
Sea *see* Atlantic Ocean
Caribbees *see* West Indies
Caribou Co. Ida. *area* –796 45
Caribou *see* Deer
Carica
papaya *see* Papayas
Caricaceae *see* Cucurbitales
Caricature
photography *see* Trick photography
Caricatures *see* Cartoons
Carillons *see* Percussion instruments
Carinthia Austria *area* –436 6
Carleton Co.
N.B. *area* –715 52
Ont. *area* –713 83
Carlisle Co. Ky. *area* –769 97
Carlow Ireland *area* –418 8
Carlton Co. Minn. *area* –776 73
Carmarthen Wales *area* –429 8
Carmelites
history
men 271.73
women 271.971
see also Religious congregations
Carminatives *see* Gastroenteric drugs
Carnallite
mineralogy 549.4
see also spec. elements
Carnations *see* Caryophyllales
Carnauba
wax *see* Waxes
Carnivals
customs *see* Pageants
shows *see* Traveling shows
Carnivora
paleozoology 569.74
zoology **599.74**
Carnivores *see* Carnivora
Carnivorous
plants
biology
ecology 581.533 3
gen. wks. 582.1
culture 635.9
see also spec. plants
Carnosa *see* Porifera

Carnot
cycle *see* Thermodynamics
Carnotite
mineralogy 549.72
see also Rare-earths geology
Carob
beans
agriculture
economics 338.17+
technology 634.46
food 641.34+
trees
culture 635.977+
forestry 634.973+
see also Leguminosae
Caroline
Co.
Md. *area* –752 31
Va. *area* –755 36
Isls. *area* –966
Carols *see* Songs
Carom *see* Indoor ball games
Carpathos Greece *see* Karpathos
Carpentry
gen. wks. *see* Structural woodworking
shipbuilding *see* Hull construction
Carpet
laying *see* Floor covering
Carpets *see* Rugs
Carps
culture 639.37+
fishing
industries 639.27+
sports 799.17+
food
cookery 641.6+
gen. wks. 641.39+
see also Ostariophysi
Carriage
horses
culture
gen. wks. 636.108+
spec. breeds 636.14
see also Equidae
Carriages *see* Wheeled supports
Carrickmacross
lace *see* Openwork fabrics
Carrier
commands
aerial *see* Air forces
Carriers (merchant ships) *see* Merchant ships
Carriers
aircraft
planes *see* Heavier-than-air aircraft
ships *see* Warships
mechanical *see* Materials-handling equipment
pneumatic *see* Pneumatic tools
Carroll Co.
Ark. *area* –767 17
Ga. *area* –758 39
Ill. *area* –773 345
Ind. *area* –772 94
Ia. *area* –777 46
Ky. *area* –769 37
Md. *area* –752 77
Miss. *area* –762 63
Mo. *area* –778 225
N.H. *area* –742 4
O. *area* –771 67
Tenn. *area* –768 25
Va. *area* –755 714
Carrots
agriculture
economics **338.17+**
technology
field crops **633.43**
garden crops **635.13**
fodder
gen. wks. 636.086
see also spec. animals
food 641.35+
processing *see spec. products*
see also Umbelliflorae
Cars
automotive *see* Motor vehicles
railroads *see* Trains
Carson Co. Tex. *area* –764 826
Cart
horses *see* Carriage horses
Cartels *see* Combinations
Carter Co.
Ky. *area* –769 28
Mo. *area* –778 89
Mont. *area* –786 36

Carter Co. (continued)
Okla. *area* –766 58
Tenn. *area* –768 984
Carteret Co. N.C. *area* –756 197
Cartesian
geometry
gen. wks. 516.1–.4
see also *s.s.*–015+
Carthage *area* –397 3
Carthaginian *see* Canaanite-Phoenician
Carthusians
history
men 271.71
women 271.979
see also Religious congregations
Cartilaginous
tissues *see* Histology
Cartography
mathematical geography **526.8**
mil. eng. 623.71
tech. drawing 744.428
Cartomancy *see* Divination
Cartons
paper *see* Converted paper products
Cartoons
drawings **741.5**
fiction *see* Fiction
Cartridges *see* Small-arms ammunition
Carts *see* Wheeled supports
Carver Co. Minn. *area* –776 53
Carving
food *see* Table service
Carvings
minor arts **736**
sculpture **731.5–.8**
Carving-techniques
minor arts **736**
sculpture **731.46**
see also Graphic expressions
Carya *see* Hickory nuts
Caryocaraceae *see* Thealcs
Caryophyllaceae *see* Caryophyllales
Caryophyllales
botany 583.15
floriculture 635.933+
Casaba
melons *see* Muskmelons
Cascade
Co. Mont. *area* –786 61
Range
B.C. *area* –711 3
Calif. *area* –794 2
gen. wks. *area* –795
Wash. *area* –797 5
Cascades *see* Water bodies
Cascara *see* Buckthorn
Case
histories
medicine
gen. wks. 616.092
vet. sci.
gen. wks. 636.089+
see also spec. animals
see also other spec. subj.
studies
gen. wks. 001.426
see also *s.s.*–018 6
Casein
plastics *see* Protein plastics
textiles *see* Protein textiles
Cases
internal law
Anglo-U.S. **345–346**
other **349**
Caserta Italy *area* –457 25
Casey Co. Ky. *area* –769 66
Cash-carry
stores *see* Retail marketing
Cashew
nuts
agriculture
economics 338.17+
technology **634.573**
food 641.34+
see also Sapindales
Cashmere
woolens *see* Speciality textiles
Cash-registers
manufacture
economics 338.47+
technology 681.14
office services 651.26
Casino
buildings *see* Park buildings
Casks
wooden *see* Cooperage

Cass Co.
Ill. *area* –773 465
Ind. *area* –772 86
Ia. *area* –777 72
Mich. *area* –774 12
Minn. *area* –776 86
Mo. *area* –778 42
Neb. *area* –782 27
N.D. *area* –784 13
Tex. *area* –764 195
Cassava
agriculture
economics 338.17+
technology 633.68
food 641.336
processing *see spec. products*
starches *see* Polysaccharides
see also Euphorbiales
Casserole
foods *see* Entrees
Cassia Co. Ida. *area* –796 39
Cassia
agriculture
economics 338.17+
technology †633.83
food 641.338+
processing *see spec. products*
see also Leguminosae
Cassino *see* Card games
Cassiopeium *see* Rare-earths
Cassiterite
mineralogy 549.524
see also Tin geology
Cassowaries *see* Emus
Castanea *see* Chestnuts
Castanets *see* Percussion instruments
Caste
system
ethics 177.5
sociology 301.44
see also Discriminatory practices
Castellón de la Plana Spain *area* –467 61
Castelo Branco Portugal *area* –469 33
Castes *see* Social classes
Castile Spain *area* **–463**
Castilloa
agriculture
economics 338.17+
technology 633.895 9
Castilloa (continued)
latex *see* Elastomers
processing *see spec. products*
see also Urticales
Casting
metals
arts
metalwork 739.14
sculpture 731.45
technology
gen. wks. 671.25
see also spec. metals
Castles *see* Residential buildings
Castor
beans
agriculture
economics 338.17+
technology 633.85
processing *see spec. products*
see also Euphorbiales
oil *see* Fixed oils
Castrametation
tactics *see* Logistics
training *see* Training maneuvers
Castro Co. Tex. *area* –764 837
Casual-migratory
workers *see* Seasonal workers
Casualty
insurance
gen. wks. 368.5–.8
see also Financial institutions
prevention *see* Safety measures
Casuariiformes
paleozoology 568.5
zoology 598.53
Casuarinaceae *see* Casuarinales
Casuarinales
botany 583.975
floriculture 635.933+
Casuarinas *see* Beefwood trees
Casuistry *see* Conscience
Caswell Co. N.C. *area* –756 575
Cat
briers *see* Liliales
Catabolism *see* Respiration

Cataclasites *see* Metamorphic rocks
Catahoula Par. La. *area* –763 74
Catalan
ethnic groups *area* –174+
language 449.9
lingual groups *area* –175+
see also other spec. subj.
Catalases *see* Enzymes
Cataloging
books 025.3
museum pieces 069.52
Catalogs
books 010
music scores 781.97
recordings 789.913
see also *s.s.*–†021 6
Catalonia Spain *area* **–467**
Catalpa
trees
culture 635.977+
forestry 634.973+
see also Personales
Catalysis
chem. tech.
gen. wks. 660.29+
see also spec. products
chemistry
inorganic 546.121
organic 547.1+
physical 541.395
Catamarca Argentina *area* –824
Catania Sicily *area* –458 13
Cantanzaro Italy *area* –457 81
Cataracts (eyes) *see* Eyeball disorders
Cataracts (water) *see* Water bodies
Catastrophes *see* Disasters
Catawba
Co. N.C. *area* –756 785
River
gen. wks. *area* –757 45
see also other areas
Catboats *see* Sailing craft
Catchers' mitts *see* Handwear
Catches (music) *see* Choral music
Catches (locksmithing) *see* Locksmithing
Catechisms
religion
Christian 238
gen. wks. 291.2
see also other spec. rel.
see also *s.s.*–076
Catechols *see* Aromatic compounds
Catering
services
management 658.91+
technology 642.47
Caterpillar
tractors *see* Tractors
Caterpillars
agricultural pests 632.7+
culture 638.57+
see also Lepidoptera
Catfishes
culture 639.37+
fishing
industries 639.27+
sports 799.17+
food 641.39+
see also Ostariophysi
Catgut *see* Cordage
Cathartae *see* Falconiformes
Cathartics *see* Gastroenteric drugs
Cathedral
buildings
architecture 726.6
construction 690.6+
interior decoration 747.8+
religion *see* Sacred places
schools
education *see* Church-supported schools
rel. training *see* Religious training
systems *see* Episcopal system
Cathepsins *see* Enzymes
Cathode-ray
oscillographs *see* Frequency meters
tubes *see* Electronic tubes
Catholic
epistles
liturgy
gen. wks. 264.3–.4
spec. denominations 264.01–.09

Catholic
epistles (continued)
N.T.
gen. wks. **227.9**
see also Pseudepigrapha
socialism *see* Socialistic states
Catholicism
culture groups
geography 910.091+
history 909.09+
subj. treatment *area* –176 1
religion 280.2
Cation
separation *see* Systematic separations
Catnip
agriculture
economics 338.17+
technology
field crops 633.82
garden crops 635.7
food 641.35+
processing *see spec. products*
tea *see* Herb teas
see also Labiatae
Catoosa Co. Ga. *area* –758 326
Catoptrics *see* Reflection
Catron Co. N.M. *area* –789 93
Cats
conservation 639.97+
culture **636.8**
experimental med.
animals 636.089+
man 619.8
hunting
industries 639.11+
sports 799.27+
see also Felidae
Catskill Mts. N.Y. *area* –747 38
Cattails *see* Typhaceae
Cattaraugus Co. N.Y. *area* –747 94
Cattle
disease carriers *see* Disease carriers
husbandry **636.2**
see also Bovoidea
Cattle-cars *see* Trains
Cauca Colombia *area* –861 5
Caucasian
ethnic groups *area* –174+
languages 499.96
Caucasian (continued)
lingual groups *area* –175+
see also other spec. subj.
Caucasus
ancient *area* **–395**
modern *area* **–479**
Caucus
elections
pol. sci. *see* Nomination systems
Cauliflower
agriculture
economics 338.17+
technology 635.35
food 641.35+
see also Cruciales
Caulobacteriaceae *see* Caulobacteriales
Caulobacteriales
botany 589.94
culture 635.939+
Causality *see* Occasionalism
Causation *see* Occasionalism
Cause *see* Occasionalism
Cautín Chile *area* –834
Cavalcades *see* Pageants
Cavalier Co. N.D. *area* –784 37
Cavalry
forces *see* Mounted forces
horses *see* Saddle horses
Cavan Ireland *area* –416 9
Caverns *see* Caves
Caves
geography
gen. wks. 910.091+
physical †910.02+
geology 551.4+
regional history 909.09+
regional subj. treatment *area* –144
see also spec. areas
Cavies *see* Hystricomorphs
Cavitation *see* Wave motions
Cayman Isls. *area* –729 21
Caymans *see* Crocodiles
Cayuga Co. N.Y. *area* –747 68
Cayuses *see* Ponies
Ceará Brazil *area* –813
Cebidae *see* Anthropoidea
Cebu Philippine Isls. *area* –914 5
Cecidiology *see* Galls
Cecil Co. Md. *area* –752 38

Cecum *see* Intestines
Cedar
Co.
Ia. *area* –777 66
Mo. *area* –778 74
Neb. *area* –782 58
River Ia.
gen. wks. *area* **–777 6**
see also other areas
Cedar
trees
culture 635.977+
forestry 634.975 6
see also Coniferales
Ceilings
architecture 721.7
construction
economics 338.47+
technology
carpentry 694.27
gen. wks. 690.1+
interior decoration
art 747.3
home economics 645.2
painting 698.147
see also spec. structures
Celastraceae *see* Celastrales
Celastrales
botany 583.27
floriculture 635.933+
Celebes *area* –912
Celebrations
customs 394
student life
gen. wks. †371.895
see also spec. levels of ed.
Celeriac
agriculture
economics 338.17+
technology **635.128**
fodder
gen. wks. 636.087 5
see also spec. animals
food 641.35+
processing *see spec. products*
see also Umbelliflorae
Celery
agriculture
economics 338.17+
technology **635.53**
food 641.35+
Celery (continued)
marketing 658.809+
processing *see spec. products*
see also Umbelliflorae
Celestas *see* Percussion instruments
Celestial
command systems *see* Command systems
dynamics
astronautics **629.411**
astronomy **521.1**
mechanics
astronautics **629.4**
astronomy **521.1**
navigation
gen. wks. **527**
see also spec. applications
physics *see* Celestial mechanics
Celestines *see* Benedictines
Celestite
mineralogy 549.752
see also Strontium geology
Celibacy
psychology †155.3
sociology †301.413
see also Sexual ethics
Cellobiose *see* Sugars
Cellophane *see* Cellulosics
Cellos *see* Violoncellos
Cells
biological *see* Cytology
Cellulases *see* Enzymes
Celluloid *see* Cellulosics
Cellulose
plastics *see* Cellulosics
pulp *see* Alpha cellulose
textiles *see* Cellulosics
see also Polysaccharides
Cellulosics
materials
arts 702.8
construction 691
engineering 620.197
plastics
chemistry 547.843 2+
manufacture
economics 338.47+
technology 668.44

Cellulosics
plastics (continued)
materials
arts 702.8
construction 691.92
engineering 620.192
textiles
chemistry **547.85+**
dyeing & printing
home econ. 640
technology **667.3+**
manufacture
economics **338.47+**
technology **677.46**
Celtic
ethnic groups *area* **–174+**
languages **491.6**
lingual groups *area* **–175+**
see also other spec. subj.
Celtium *see* Hafnium
Cement
mortars *see* Cementing materials
Cementing
materials
geology
gen. wks. 553.68
mineralogy *see spec. minerals*
manufacture
economics **338.47+**
technology **666.9**
materials
construction 691.5
engineering 620.15
see also spec. applications
Cements *see* Cementing materials
Cemeteries
burial customs 393.1
folklore **398.32**
landscaping **718**
mil. admin.
gen. wks. 355.69
see also spec. mil. branches
public health meas.
animals
gen. wks. 636.089+
see also spec. animals
man 614.61
war memorials *see spec. wars*
Cenozoic era
geology **551.78– 79**
paleontology 560.178
Censers *see* Emblems
Censored
books *see* Prohibited books
Censuses *see* National statistics
Center Hill Reservoir Tenn.
gen. wks. *area* –768 53
see also other areas
Centerpieces *see* Table decor
Centipedes
agricultural pests 632.6+
culture 639.7
see also Opisthogoneata
Central
African Republic *area* –674 1
America *area* **–728**
Asia
ancient *area* –396
modern *area* **–58**
dept. Paraguay *area* –892 1
Valley Calif.
gen. wks. *area* **–794 5**
see also other areas
Central
administration *see* Top management
banks *see* Financial institutions
governments
administration
gen. wks. **351**
spec. governments **353–354**
see also other spec. subj.
heating *see* Heating-systems
nervous system
anatomy *see* Neuroanatomy
diseases
functional *see* Psychiatry
organic *see* Neurological diseases
physiology *see* Neurophysiology
stations
engineering
electricity **621.312**
gen. wks. 621.49

Central
stations
engineering (continued)
steam **621.19**
see also other spec. subj.
Treaty Organization
defense 355.031
organization 341.18+
see also spec. services
Centrales *see* Bacillariophyceae
Centre Co. Pa. *area* –748 53
Centrechinoida *see* Echinoidea
Centrifugal
blowers *see* Blowers
forces
physics
mechanics
solids 531.35
see also spec. branches
see also Aerodynamics
pumps *see* Pumps
Centripetal
forces
physics
mechanics
solids 531.35
see also spec. branches
see also Aerodynamics
Centrolepidaceae *see* Juncales
Centrosomes *see* Cytology
Century
plants *see* Agave plants
Cephalaspidomorphi *see* Agnatha
Cephalonia Greece *area* –495 5
Cephalopoda
culture **639.48+**
paleozoology **564.5**
zoology **594.5**
Cephalotaceae *see* Saxifragales
Cephalotaxaceae *see* Coniferales
Cepheids *see* Variable stars
Cerambycoidea *see* Polyphaga
Ceramics
arts **738**
industries
economics **338.47+**
technology **666**
Cerargyrite
mineralogy 549.4
see also Silver geology
Ceratiocarina *see* Leptostraca
Ceratomorpha
paleozoology 569.72
zoology **599.72**
Ceratophyllaceae *see* Ranales
Cercidiphyllaceae *see* Magnoliales
Cercopithecidae *see* Anthropoidea
Cereal
grasses
agriculture
economics **338.17+**
technology **633.25**
fodder
gen. wks. 636.086
see also spec. animals
see also Graminales
products *see* Cereals
Cereals
fodder
gen. wks. 636.086
see also spec. animals
food
cookery **641.6+**
gen. wks. **641.331**
processing
economics **338.47+**
technology **664.72**
grains
agriculture
economics **338.17+**
technology **633.1**
see also Graminales
Cerebellum *see* Brain
Cerebral
hemorrhages *see* Cerebrovascular disorders
Cerebrovascular
disorders
med. sci.
gen. wks. 616.81
surgery **617.481**
psychology †157.1
see also Mental hygiene
Cerebrum *see* Brain
Ceremonial
robes *see* Garments

Ceremonials *see* Official ceremonies
Ceremonies
official *see* Official ceremonies
religious *see* Public worship
Ceres *see* Minor planets
Ceresin *see* Mineral waxes
Ceriantharia *see* Anthozoa
Cerium *see* Rare-earths
Cerro
Gordo Co. Ia. *area* –777 25
Largo Uruguay *area* –895 2
Certhiidae
paleozoology 568.8
zoology 598.823
Certified
public accountant practice *see* Public accounting
Certitude *see* Belief
Cerussite
mineralogy 549.785
see also Lead geology
Cervical
nerves
anatomy *see* Neuroanatomy
diseases *see* Neurological diseases
physiology *see* Neurophysiology
pregnancies *see* Extrauterine pregnancies
Cervicitis *see* Gynecology
Cervix
anatomy *see* Reproductive organs
diseases *see* Gynecology
physiology *see* Reproduction
Cervoidea
paleozoology 569.73
zoology 599.735
Cesium
compounds
chemistry 546.385
manufacture 661.038+
pharmacology
gen. wks. 615.2+
veterinary 636.089+
geology
gen. wks. 553
mineralogy 549
Cesium (continued)
industries
extractive
metallurgy 669.725
mining 622.349+
manufacturing
economics 338.47+
technology 673.725
metallography *see* Cesium properties
mineralogy *see* Cesium geology
mining *see* Cesium industries
products *see spec. subj.*
properties
chemistry 546.385
engineering 620.189 6
metallography 669.95+
see also Radiochemistry
Cesspools *see* Unsewered structures
Cestoda
infestations
animals
vet. sci. 636.089+
zoology 591.2
see also spec. animals
man
medicine 616.964
pediatrics 618.92+
public health 614.55+
plants
agriculture 632.6+
botany 581.233
see also spec. plants
see also Cestoidea
Cestodaria *see* Cestoidea
Cestoidea
culture †639.75+
paleozoology 565.1
zoology 595.121
Cetacea
paleozoology 569.5
zoology **599.5**
Cevennes Mts. France *area* –448
Ceylon *area* –†549 3
Cha-cha *see* Dancing
Chaco Argentina *area* –823
Chad (country) *area* –674 3
Chad
ethnic groups *area* –174+
languages †493.7

Chad (continued)
lingual groups *area* –175+
see also other spec. subj.
Chaetodontoidea *see* Acanthopterygii
Chaetognatha *see* Eucoelomata
Chaetophorales *see* Chlorophyta
Chaffee Co. Colo. *area* –788 47
Chafing
dish
cookery *see* Special-equipment cookery
Chagas'
disease *see* Protozoan infections
Chagos Isls. Indian Ocean *area* –697
Chailletiaceae *see* Rosales
Chain
banking *see* Financial institutions
gangs *see* Convict labor
gearing *see* Gears
hoists *see* Materials-handling equipment
power transmission *see* Flexible connections
stores *see* Retail marketing
Chains
manufacture
economics 338.47+
technology
gen. wks. 671.8
see also spec. materials
see also Structural forms
Chain-stitch
fabrics
crafts 746.43
manufacture
economics 338.47+
technology 677.66
marketing 658.809+
see also spec. applications
Chair
cars *see* Trains
lifts *see* Materials-handling equipment
Chairs *see* Furniture
Chalcanthite
mineralogy 549.755
see also Copper geology
Chalcidice Greece *area* –495 6
Chalcocite
mineralogy 549.32
see also Copper geology
Chalcopyrite
mineralogy 549.32
see also Copper geology
Chaldean *see* Akkadian
Chaldee *see* Aramaic
Chalices *see* Eucharistic vessels
Chalks *see* Cementing materials
Chalmette Nat. Hist. Park La. *area* –†763 36
Chalybite *see* Siderite
Chamaeidae
paleozoology 568.8
zoology 598.83
Chamaesiphonaceae *see* Cyanophyta
Chamber
music
ensembles
music 785.7
performance 785.068
of commerce
buildings *see* Commercial buildings
Chambermaids *see* Domestic employees
Chambers Co.
Ala. *area* –761 56
Tex. *area* –764 143
Chambly Co. Que. *area* –714 37
Champagne France *area* –443
Champagne (wine) *see* Wines
Champaign Co.
Ill. *area* –773 66
O. *area* –771 465
Champlain (lake)
gen. wks. *area* –747 54
Vt. *area* –743 1
Champlain Co. Que. *area* –714 46
Champlevé
process *see* Enamels
Chance
mathematics *see* Probabilities
metaphysics 123.3
Chancels *see* Church buildings
Chancery
law *see* Equity law

Chancroid *see* Venereal diseases
Chandeliers *see* Illumination fixtures
Change
of life *see* Climacteric
of state (critical points) *see* Phase changes
of state (pol. sci.) 320.1
Channel Isls. *area* –423 4
Chanteys *see* Folk songs
Chantilly
lace *see* Openwork fabrics
Chants
music **783.5**
religion *see spec. rel.*
Chapbooks
folklore 398.5
see also Literature
Chapels
architecture 726.4
construction 690.6+
interior decoration 747.8+
mortuary *see* Mortuary chapels
religion *see* Sacred places
see also Church buildings
Chaplains
mil. sci. *see* Special services
religion *see* Clergy
Chappings *see* Skin disorders
Chapter
houses
cathedrals *see* Cathedral buildings
Characeae *see* Algae
Character
analysis
pseudopsychology 138
psychology *see* Personality
disorders *see* Personality disorders
training
children 649.7
Charades *see* Entertainments
Charadrii *see* Charadriiformes
Charadriiformes
paleozoology 568.3
zoology 598.33
Charales *see* Chlorophyta
Charbon *see* Zoogenous diseases
Charcoal
manufacture
economics 338.47+
technology 662.74
see also spec. applications
Chard
agriculture
economics 338.17+
technology **635.42**
food 641.35+
marketing 658.809+
processing *see spec. products*
see also Chenopodiales
Chardonnet
process *see* Cellulosics
Charente France *area* –446 5
Charente-Inférieure France *see* Charente-Maritime
Charente-Maritime France *area* –446 4
Charge
accounts *see* Credit
Charger
horses *see* Saddle horses
Charging
systems
libraries 025.6
museums 069
Chari-Nile
ethnic groups *area* –174+
languages 496.5
lingual groups *area* –175+
see also other spec. subj.
Charities *see* Welfare services
Chariton
Co. Mo. *area* –778 25
River
gen. wks. ***area* –778 2**
see also other areas
Charity *see* Philanthropy
Charlatanry *see* Defrauding
Charlemagne
legends *see* Mythology
period
church hist. **270.3**
gen. hist. 940.14
Charles the Great *see* Charlemagne

Charles
City Co. Va. *area* –755 44
Co. Md. *area* –752 47
Mix Co. S.D. *area* –783 382
River Mass.
gen. wks. *area* –744 4
see also other areas
Charleston Co. S.C. ***area* –757 91**
Charleston
dance *see* Dancing
Charlevoix Co.
Mich. *area* –774 86
Que. *area* –714 49
Charlotte Co.
Fla. *area* –759 49
N.B. *area* –715 33
Va. *area* –755 65
Charlottesville Va. *area* –755 481
Charlton Co. Ga. *area* –758 75
Charm
personal *see* Personal grooming
Charms
folklore *see* Superstitions
Chartered
account practice *see* Public accounting
Chartography *see* Cartography
Charts
geography **912**
library treatment 025.176
see also *s.s.*–†022
Charybdeidea *see* Scyphozoa
Chase Co.
Kan. *area* –781 59
Neb. *area* –782 87
Chase *see* Hunting
Chasing (games) *see* Child play
Chasing (treatment) *see* Decorative treatment
Chassis
motor vehicles
engineering
gen. wks. **629.24**
military **623.747**
see also other spec. subj.
Chastity *see* Sexual ethics
Chasubles *see* Vestments
Châteauguay Co. Que. *area* –714 33
Chateaux *see* Residential buildings
Chatham
Co.
Ga. *area* –758 724
N.C. *area* –756 59
Isl. N.Z. *area* –931 1
Chattahoochee
Co. Ga. *area* –758 476
River
gen. wks. ***area* –758**
see also other areas
Chattooga Co. Ga. *area* –758 344
Chattel
mortgage institutions *see* Financial institutions
mortgages *see* Credit
Chattels
law *see* Private law
Chauffeurs *see* Domestic employees
Chautauqua Co.
Kan. *area* –781 918
N.Y. *area* –747 95
Chaves Co. N.M. *area* –789 43
Cheat River W.Va.
gen. wks. ***area* –754 8**
see also other areas
Cheatham Co. Tenn. *area* –768 46
Cheating *see* Evils
Cheboygan Co. Mich. *area* –774 87
Chechen *see* Caucasian
Checheno-Ingush ASSR *area* –479
Checkerboards *see* Recreational equipment
Checkers
equipment *see* Recreational equipment
ethics 175.4
customs 394.3
gen. wks. 794.2
Checks
financial *see* Credit instruments
Cheeks *see* Mouth
Cheerfulness *see* Virtues
Cheese
food 641.37+
industry
economics **338.17+**

Cheese
  industry (continued)
    technology **637.3**
  see also Dairy products
Cheetahs *see* Cats
Chekiang China *area* –512 42
Chelan Co. Wash. *area* –797 59
Chelates *see* Metallic compounds
Chelicerata
  culture 639.5
  paleozoology **565.39**
  zoology **595.39**
Chelonia
  paleozoology 568.13
  zoology 598.13
Chelsea London *area* –421 3
Chelyabinsk RSFSR *area* –478 7
Chemical
  analysis *see* Analytical chemistry
  crystallography
    gen. wks. 548.3
    see also spec. applications
  engineering
    economics **338.47+**
    technology **660.2**
    see also spec. applications
  equilibriums
    gen. wks. 541.392
    organic 547.1+
    technical 660.29+
  food preservation *see* Food preservation
  jurisprudence *see* Forensic chemistry
  metallurgy
    gen. wks. 669.92
    see also spec. applications
  mineralogy
    gen. wks. **549.13**
    see also spec. applications
  pharmacy *see* Pharmaceutical chemistry
  projectiles *see* Special-purpose projectiles
  technology
    economics **338.47+**
    manufactures **660**
  thermodynamics *see* Thermodynamics
Chemical (continued)
  warfare
    ammunition *see* Ammunition
    defenses
      mil. eng. **623.37**
      welfare services **†363.35**
    forces
      gen. wks. 358.34
      see also spec. kinds of warfare
Chemicals
  industrial *see* Industrial chemicals
Chemiculture *see* Soilless culture
Chemistry
  applied *see* Chemical technology
  gen. wks. **540**
  medical *see* Pharmaceutical chemistry
  pharmaceutical *see* Pharmaceutical chemistry
  soils *see* Soil chemistry
Chemnitz Germany *see* Karl-Marx-Stadt
Chemosynthesis
  plants
    gen. wks. 581.133 43
    see also *s.s.*–015+
Chemotropism *see* Reflex actions
Chemung Co. N.Y. *area* –747 78
Chemurgy *see* Chemical engineering
Chenango Co. N.Y. *area* –747 73
Chenilles *see* Fancy-weave fabrics
Chenopodiaceae *see* Chenopodiales
Chenopodiales
  botany 583.91
  floriculture 635.933+
Cher France *area* –445 52
Cheremiss *see* Finno-Ugric
Cherimayas *see* Anonaceous fruits

Cherokee
  Co.
    Ala. *area* –761 65
    Ga. *area* –758 25
    Ia. *area* –777 17
    Kan. *area* –781 99
    N.C. *area* –756 99
    Okla. *area* –766 88
    S.C. *area* –757 42
    Tex. *area* –764 183
  Res. Tenn.
    gen. wks. *area* –768 92
    see also other areas
Cherokee (subject) *see* Hokan-Siouan
Cherokees (lake) *see* Lake of the Cherokees
Cherries
  agriculture
    economics †338.17+
    technology **†634.23**
  food †641.34+
  marketing 658.809+
  processing *see spec. products*
  see also Rosales
Cherry Co. Neb. *area* –782 73
Cherubim *see* Angelology
Chervil
  agriculture
    economics 338.17+
    technology 635.7
  food 641.35+
  marketing 658.809+
  processing *see spec. products*
  see also Umbelliflorae
Chesapeake, Va. *area* –755 52
Chesapeake Bay
  gen. wks. *area* –755 18
  Md. ***area* –752**
Cheshire Co.
  Eng. *area* –427 1
  N.H. *area* –742 9
Chess
  customs 394.3
  equipment *see* Recreational equipment
  ethics 175.4
  gen. wks. **794.1**
Chessboards *see* Recreational equipment
Chessmen *see* Recreational equipment
Chessylite *see* Azurite
Chester
  Co.
    Pa. *area* –748 13
    S.C. *area* –757 47
    Tenn. *area* –768 265
  River Md.
    gen. wks. *area* –752 34
    see also other areas
Chesterfield
  Co.
    S.C. *area* –757 63
    Va. *area* –755 59
  Isls. *see* New Caledonia
Chestnut Ridge Pa. ***area* –748 8**
Chestnut
  trees
    culture 635.977+
    forestry 634.972 4
    see also Fagales
Chestnuts
  agriculture
    economics 338.17+
    technology 634.53
  food 641.34+
  marketing 658.809+
  processing *see spec. products*
  see also Fagales
Chests
  of drawers *see* Furniture
Cheviot Hills Eng. *area* –428 2
Chevon *see* Red meats
Chevrotains
  conservation 639.97+
  culture 636.9+
  hunting
    industries 639.11+
    sports 799.277+
  see also Tragulida
Chewing
  food *see* Digestion
  gum
    customs
      private 392
      public 394

Chewing (continued)
tobacco
addiction *see* Addictions
customs
private 392
public 394.1
Chewing-gum
manufacture
economics 338.47+
technology 664
see also Sapodilla trees
Chewing-tobacco *see* Tobacco products
Cheyenne
Co.
Colo. *area* –788 92
Kan. *area* –781 11
Neb. *area* –782 96
River
gen. wks. *area* –†783 5
see also other areas
Chiapas Mexico *area* –727
Chiba Japan *area* –521 3
Chickamauga (lake) Tenn.
gen. wks. *area* –768 82
see also other areas
Chickamauga & Chattanooga Nat. Park
gen. wks. *area* –768 82
see also other areas
Chickasaw Co.
Ia. *area* –777 315
Miss. *area* –762 94
Chicken
eggs *see* Eggs
Chickenpox *see* Eruptive fevers
Chickens
culture **636.5**
disease carriers *see* Disease carriers
experimental med.
animals 636.089+
man 619.5
food *see* Poultry
see also Galli
Chick-peas
agriculture
economics 338.17+
technology **635.657**
food 641.35+
Chick-peas (continued)
marketing 658.809+
processing *see spec. products*
see also Leguminosae
Chicle *see* Chewing-gum
Chicory
agriculture
economics 338.17+
technology
field crops **633.78**
garden crops **635.54**
food 641.35+
marketing 658.809+
processing *see spec. products*
see also Asterales
Chicot Co. Ark. *area* –767 84
Chicoutimi Co. Que. *area* –714 16
Chief
executives
government
gen. wks. **350.003**
see also spec. levels of govt.
Chieti Italy *area* –457 13
Chiffon
silk *see* Silk textiles
Chiggers
agriculture pests 632.6+
culture 639.5
disease carriers *see* Disease carriers
see also Acari
Chihuahua Mexico *area* –721
Chihuahuas *see* Miniature dogs
Chilblains *see* Skin disorders
Child
care
centers *see* Day nurseries
home economics **649.1**
guidance
clinics
management 658.91+
services 362.742
play
activities
indoor **793**
outdoor **796**
home training **649.5**

Child (continued)
psychology *see* Children
rearing *see* Child care
see also Children
Childbed
fever *see* Septicemia
Childbirth *see* Parturition
Childhood *see* Children
Children
education *see* Education
home care **649.1**
labor economics 331.31
psychology
education 370.15
gen. wks. **†155.4**
sociology
gen. wks. **301.431 4**
welfare services **362.7**
see also Exceptional children
Children's
clothing *see* Garments
diseases *see* Pediatrics
hospitals
buildings *see* Health buildings
management **658.91+**
services **362.78**
library services
gen. wks. **027.625**
see also spec. functions
outdoor games *see* Child play
parties *see* Entertainments
songs
folklore 398.8
games 796.13
music 784.624
Childress Co. Tex. *area* –764 754
Chile *area* –83
Chile
saltpeter
chemistry *see* Nitrogen compounds
minerals *see* Nitrogen geology
Chili
plant *see* Peppers
Chiliasm *see* Millennium
Chiloé Chile *area* –835
Chilognatha *see* Diplopoda
Chilophiurida *see* Ophiuroidea
Chilopoda *see* Opisthogoneata
Chilton Co. Ala. *area* –761 81
Chimaerae
paleozoology 567.3
zoology 597.38
Chimborazo Ecuador *area* –866 1
Chimeras
culture 639.37+
see also Chimaerae
Chimes *see* Percussion instruments
Chimneys
heating eng.
gen. wks. 697.8
see also spec. applications
see also Roof structures
Chimpanzees *see* Apes
China (country)
ancient *area* –31
modern *area* –51
China Sea *see* Pacific Ocean
China
clay *see* Clays
grass *see* Ramie
jute fibers *see* Soft fibers
silk *see* Silk textiles
Chinaberry
trees *see* Soapberry trees
Chinaware
production *see* Porcelain
table decor *see* Table decor
Chinch
bugs
agricultural pests 632.7+
culture 638.57+
see also Heteroptera
Chinchillas *see* Hystricomorphs
Chincoteague Bay
gen. wks. *area* –752 21
see also other areas
Chinese
checkers *see* Checkers
ethnic groups *area* –174+
language **495.1**
lingual groups *area* –175+
wood oil *see* Fixed oils
see also other spec. subj.
Chinghai China *see* Tsinghai
Chinook *see* Macro-Penutian
Chinooks (breezes) *see* Winds
Chinquapins *see* Chestnuts

Chios Greece
  ancient *area* –391 3
  modern *area* –499
Chip
  boards *see* Pulp products
  carving *see* Wood carvings
Chipewyan *see* Na-Dene
Chipmunks *see* Sciuromorphs
Chippewa
  Co.
    Mich. *area* –774 91
    Minn. *area* –776 39
    Wis. *area* –775 44
  River Wis.
    gen. wks. *area* **–775 4**
    see also other areas
Chirognomy *see* Palmistry
Chirography *see* Calligraphy
Chiromancy *see* Palmistry
Chiropractic
  gen. wks. 615.534
  see also spec. diseases
Chiroptera
  paleozoology 569.4
  zoology 599.4
Chisago Co. Minn. *area* –776 61
Chita Siberia *area* –†575
Chitons *see* Crepipoda
Chittenden Co. Vt. *area* –743 17
Chivalry
  courtesy *see* Courtesy
  soc. customs *see* Knightly customs
Chives *see* Alliaceous plants
Chlaenaceae *see* Theales
Chlamydobacteriaceae *see* Chlamydobacteriales
Chlamydobacteriales
  botany 589.93
  culture 635.939+
Chloramphenicol *see* Antibiotics
Chloranthaceae *see* Piperales
Chlorates *see* Halogen compounds
Chlorenchyma *see* Histology
Chlorideae *see* Pooideae
Chlorides *see* Halogen compounds
Chlorination *see* Halogenation
Chlorine *see* Halogen
Chlorites *see* Halogen compounds
Chlorococcales *see* Chlorophyta
Chloromonadina *see* Plasmodroma
Chloromycin *see* Antibiotics
Chlorophyll
  cells *see* Cytology
  physiology *see* Photosynthesis
Chlorophylls *see* Heterocyclic compounds
Chlorophyta
  botany 589.47
  culture 635.939+
  paleobotany 561.93
Chloroprene
  rubbers *see* Elastomers
Chlortetracycline *see* Antibiotics
Chocó Colombia *area* –861 2
Chocolate *see* Cacao
Choctaw Co.
  Ala. *area* –761 395
  Miss. *area* –762 694
  Okla. *area* –766 63
Choctaw (subject) *see* Hokan-Siouan
Choice
  psychology
    animals †156.3+
    gen. wks. †153.83
  see also Indeterminism
Choir
  lofts *see* Church buildings
  stalls *see* Sacred furniture
Choirs
  church music 783.8
  see also Choral music
Chokecherries *see* Cherries
Choked
  disc *see* Retinal disorders
Cholagogues *see* Secretory drugs
Cholecystitis *see* Biliary disorders
Cholelithiasis *see* Biliary disorders
Choleras *see* Enteric diseases
Cholesterol *see* Steroids

Cholic
  acids *see* Endocrine drugs
Cholicosis *see* Respiratory diseases
Chondrichthyes
  paleozoology 567.3
  zoology 597.3
Chong-kie *see* Chess
Chonotricha *see* Ciliophora
Choptank River
  gen. wks. *area* –752 31
  see also other areas
Choral
  music
    gen. wks. 784.1–.2
    religious 783.4
  speaking
    rhetoric 808.55
    texts
      collections 808.855
      criticism 809.5+
    see also spec. lit.
Chordariales *see* Phaeophyta
Chordata *see* Vertebrates
Chords
  engineering *see* Structural engineering
  mathematics *see* Geometries
  music *see* Audiology
Chorea
  med. sci.
    gen. wks. 616.851
    pediatrics 618.92+
  psychology
    gen. wks. †157.1
    pedology †155.45+
  see also Mental hygiene
Choriomeningitis *see* Lymphocytic choriomeningitis
Choripetalae *see* Archichlamydeae
Choristida *see* Porifera
Choroid *see* Uvea
Choruses *see* Choral music
Choses
  law *see* Private law
Chouteau Co. Mont. *area* –786 293
Chow chows *see* Nonsporting dogs
Chowan
  Co. N.C. *area* –756 147
  River N.C. *area* **–756 1**
Christ
  Jesus *see* Christology
Christening
  religion *see* Sacraments
  soc. customs 392.1
Christian Co.
  Ill. *area* –773 81
  Ky. *area* –769 78
  Mo. *area* –778 79
Christian
  art *see* Religious art
  Brothers
    history 271.78
    see also Religious congregations
  Church *see* Disciples of Christ
  religion
    culture groups
      geography 910.091+
      history 909.09+
      subject treatment *area* –176 1
    gen. wks. 201–209
    spec. elements 220–280
  Science churches *see* Church of Christ, Scientist
  socialism *see* Socialistic states
  Sunday *see* Holy days
  symbolism *see* Symbolism
  year *see* Liturgical year
Christianity *see* Christian religion
Christians *area* –176 1
Christmas
  carols *see* Christmas music
  Day *see* Holy days
  music
    gen. wks.
      liturgical 783.28
      nonliturgical †783.65
    see also spec. mediums
  religion *see* Liturgical year
Christology
  gen. wks. 232
  Trinity 231.2
  see also New Testament

Chromates
chemistry *see* Chromium compounds
mineralogy 549.752
see also Chromium geology
Chromatic
spectrum
chemistry
analysis *see* Spectroscopy
gen. wks. *see* Photochemistry
physics
gen. wks. 535.013
see also Spectroscopy
Chromatics *see* Color
Chromatin *see* Cytology
Chromatographic
analysis
chemistry
gen. wks. 544.92
organic 547.34+
Chromatography *see* Chromatographic analysis
Chrome
refractories *see* Refractory materials
steel *see* Iron alloys
work
art 739.58
technology 673.73+
see also Chromium
Chromic *see* Chromium
Chromite
mineralogy 549.526
see also Chromium geology
Chromium
art metalwork 739.58
compounds
chemistry 546.532
manufacture 661.05+
fabrication *see* Chromium industries
geology
gen. wks. 553.464
mineralogy *see spec. minerals*
industries
extractive
metallurgy 669.734
mining 622.34+
Chromium
industries (continued)
manufacturing
economics 338.47+
technology 673.73+
metallography *see* Chromium properties
mineralogy *see* Chromium geology
mining *see* Chromium industries
products *see spec. subj.*
properties
chemistry 546.532
engineering 620.189 3+
metallography 669.95+
see also Radiochemistry
Chromocollographic
printing *see* Photomechanical printing
Chromolithographs *see* Prints
Chromolithography *see* Planographic processes
Chromophotography *see* Color-photography
Chromoplasts *see* Cytology
Chromoproteins *see* Proteins
Chromosomes *see* Cytology
Chromospheric
flares *see* Solar astronomy
spicules *see* Solar astronomy
Chromotype
process *see* Special-process photography
Chromoxylography *see* Relief printing
Chronicles (O.T.)
gen. wks. 222.6
see also Pseudepigrapha
Chronographs *see* Timepieces
Chronology
astronomy 529
history 902.02
Chronometers *see* Timepieces
Chronophotography *see* Motion-picture photography
Chronoscopes *see* Timepieces
Chroococcaceae *see* Cyanophyta

Chrysanthemums *see* Asterales
Chrysoberyl
mineralogy †549.528
see also Semiprecious stones
Chrysocolla
mineralogy 549.64
see also Copper geology
Chrysolite
gen. wks. *see* Refractory materials
mineralogy *see* Olivine
Chrysolitic
rocks *see* Metamorphic rocks
Chrysophyceae *see* Chrysophyta
Chrysophyta
botany 589.48
culture 635.939+
paleobotany 561.93
Chubut Argentina *area* –827
Chucks *see* Turning-machinery
Chuckwallas *see* Lizards
Chukchi *see* Paleosiberian
Chumming *see* Fishing
Chungnan China *area* –512
Chuquisaca Bolivia *area* –842
Church (organization)
pol. status 322.1
see also Church history
Church
administration
central *see* Ecclesiology
local *see* Parishes
buildings
architecture 726.5
construction 690.6+
housekeeping †647.98+
interior decoration 747.8+
religion *see* Sacred places
calendars *see* Calendars
fathers *see* Apostolic Church
furniture *see* Sacred furniture
government
central *see* Ecclesiology
local *see* Parishes
history
gen. wks. 270
see also Christian religion
law *see* Religious law
Church (continued)
libraries *see* Religious organizations
music *see* Sacred music
of Christ, Scientist
religion 289.5
see also Church buildings
of England *see* Anglican churches
of God *see* Adventists
of God in Christ *see* Mennonites
of Jesus Christ of Latter-Day Saints *see* Latter-Day Saints
of Scotland *see* Presbyterian churches
of the Brethren *see* Baptist churches
of the Nazarene *see* Recent Christian sects
of the New Jerusalem
religion 289.4
see also Church buildings
polity *see* Ecclesiology
precepts
gen. wks. 241.57
see also spec. applications
schools
education *see* Church-supported schools
rel. training *see* Religious training
Slavonic *see* Bulgarian
suppers *see* Hospitality
year *see* Liturgical year
Churches of God *see* Recent Christian sects
Churchill Co. Nev. *area* –793 52
Church-supported
schools
gen. wks. †377.8–.9
see also spec. levels of ed.
Chuvash ASSR *area* –478 3
Chymotrypsin *see* Enzymes
Chysomonadina *see* Plasmodroma
Chytridiales *see* Mucorales
Chytrids *see* Mucorales
Ciboriums *see* Eucharistic vessels

Cicadas
agricultural pests 632.7+
culture 638.57+
see also Homoptera
Cicer
arietinum *see* Chick-peas
Cichorium
endiva *see* Endive
intybus *see* Chicory
Ciconiae *see* Ciconiiformes
Ciconiiformes
paleozoology 568.3
zoology 598.34
Cidaroida *see* Echinoidea
Cigar
cases *see* Smokers' supplies
Cigarette
cases *see* Smokers' supplies
holders *see* Smokers' supplies
lighters *see* Smokers' supplies
papers *see* Paper products
Cigarettes *see* Tobacco products
Cigars *see* Tobacco products
Ciliary
body *see* Uvea
Ciliata *see* Ciliophora
Cilicia
ancient *area* –393 5
modern *area* –564
Ciliophora
culture **†639.73+**
paleozoology 563.1
zoology **593.17**
Cimarron
Co. Okla. *area* –766 13
River
gen. wks. ***area* –766 3**
see also other areas
Cinchona *see* Quinine
Cinclidae
paleozoology 568.8
zoology 598.832
Cinder
blocks *see* Artificial stones
Cinefluorography *see* Radiography
Cinema *see* Motion-picture
Cinematography *see* Motion-picture photography
Cinerarias *see* Asterales
Cinnabar
mineralogy 549.32
see also Mercury (metal) geology
Cinnamon
agriculture
economics †338.17+
technology †633.83
food †641.338+
marketing 658.809+
processing *see spec. products*
see also Laurales
Ciphers (cryptography) *see* Cryptography
Circaeasteraceae *see* Berberidales
Circassian *see* Caucasian
Circuit
breakers *see* Control devices
electronics
engineering **621.381 5**
physics **537.534**
Circuitry
engineering
electronics
gen. wks. **621.381 5**
see also spec. branches
power transmission 621.319 21
physics
electricity 537.61
electronics **537.534**
see also spec. applications
Circulars
advertising *see* Direct-mail advertising
Circulation
air
meteorology †551.517
physics 533.62
blood *see* Circulation fluids
fluids
biology
animals 591.11
gen. wks. 574.11
plants 581.11
see also spec. organisms
cytology *see* Cytology
med. sci.
animals 636.089+

Circulation
fluids
med. sci. (continued)
man **612.1**
see also other spec. organisms
lymph *see* Circulation fluids
Circulation-services
libraries 025.6
museums 069
Circulatory
diseases *see* Cardiovascular disorders
organs
anatomy
biology
animals 591.41
gen. wks. 574.4
plants 581.41
med. sci.
animals **636.089+**
man **611.1**
see also spec. organisms
system
physiology *see* Circulation
diseases *see* Cardiovascular disorders
Circumcision
of Jesus Christ 232.924
religious practice
Judaism 296.442 2
see also other spec. rel.
soc. customs 392.1
surgery 617.463
Circumnavigation *see* Travels
Circumnutation *see* Motor functions
Circumstantial
evidence
crime detection 364.121
law 343.1
Circus
animals *see* Stunt animals
Circuses
gen. wks. **791.3**
management **658.91+**
see also Recreational activities
Cire-perdue
process *see* Casting
Cirques *see* Glaciology
Cirrhosis *see* Biliary disorders
Cirripedia
culture 639.5
paleozoology 565.35
zoology 595.35
Cistaceae *see* Bixales
Cistercians *see* Benedictines
Cities *see* Communities
Citizenship
ethics 172.1
pol. sci. **323.6**
training
prisons 365.66
schools
elementary 372.832
see also ***s.s.–07***
Citrons
agriculture
economics 338.17+
technology **634.331**
food 641.34+
marketing 658.809+
processing *see spec. products*
see also Rutales
Citrullus
vulgaris *see* Watermelons
Citrus Co. Fla. *area* –759 72
Citrus
aurantifolia *see* Limes (fruit)
aurantium *see* Oranges
fruits
agriculture
economics **338.17+**
technology **634.3**
food **641.34+**
marketing **658.809+**
processing *see spec. products*
see also Rutales
grandis *see* Grapefruit
limonia *see* Lemons
medica *see* Citrons
sinensis *see* Oranges
City
gas *see* Industrial gases
governments *see* Local governments
halls *see* Government buildings
libraries *see* Public libraries

City (continued)
managers *see* Chief executives
parks *see* Recreational land
planning *see* Planning communities
Ciudad Real Spain *area* –464 5
Civet
cats *see* Viverrines
Civets *see* Viverrines
Civic
art *see* Planning communities
centers
planning
civic art 711.551
sociology 301.34
Civics *see* Citizenship
Civil
architecture *see* Public buildings
commotion
insurance *see* Allied fire insurance lines
defense
administration
government
gen. wks. †350.755
see also spec. levels of govt.
private 658.91+
services †363.35
engineering
gen. wks. **624**
see also spec. branches
government
church relations
pol. sci. 322.1
religion
Christian **261.7**
gen. wks. **291.17+**
see also other spec. rel.
see also Government (state)
rights
law **342**
pol. sci. **323.4**
service
gen. wks. **350.1–.4**
see also spec. levels of govt.
Civil (continued)
war
international law 341.39
mil. sci. 355
societies *see* Hereditary societies
wars
crime *see* Offenses
ethics 172.1
history
U.S. **973.7**
see also other spec. countries
Civility *see* Courtesy
Civilization
gen. wks. **901.9**
see also spec. places
Clackamas Co. Ore. *area* –795 41
Clackmannan Scotland *area* –413 5
Cladocera *see* Branchiopoda
Cladocopa *see* Ostracoda
Cladophorales *see* Chlorophyta
Cladoselachii *see* Chondrichthyes
Claiborne
Co.
Miss. *area* –762 285
Tenn. *area* –768 94
Par. La. *area* –763 94
Clairaudience *see* Extrasensory perception
Clairvoyance *see* Extrasensory perception
Clallam Co. Wash. *area* –797 99
Clams
fisheries
economics 338.37+
technology 639.44
food *see* Seafood
see also Pelecypoda
Clans
biology *see* Ecology
sociology *see* Kinship
Clare Co.
Ireland *area* –419 3
Mich. *area* –774 71
Clarendon Co. S.C. *area* –757 81
Claret *see* Wines
Clarinet *see* Single-reed instruments
Clarion Co. Pa. *area* –748 69

Clark Co.
Ark. *area* –767 49
Ida. *area* –796 57
Ill. *area* –773 71
Ind. *area* –772 185
Kan. *area* –781 77
Ky. *area* –769 54
Mo. *area* –778 34
Nev. *area* –793 13
O. *area* –771 49
S.D. *area* –783 22
Wash. *area* –797 86
Wis. *area* –775 28
Clarke Co.
Ala. *area* –761 245
Ga. *area* –758 18
Ia. *area* –777 856
Miss. *area* –762 673
Va. *area* –755 98
Clarkias *see* Lythrales
Class
days
celebration *see* Celebrations
reunions *see* Celebrations
Classes
education *see spec. levels of ed.*
social *see* Social classes
Classical
high schools *see* Secondary schools
languages
gen. wks. **480**
see also spec. languages
religions
culture groups
geography 910.091+
history 909.09+
subject treatment *area* –176+
gen. wks. **292**
Classical-language
literature
gen. wks. **880**
see also spec. literatures
Classicism
economics *see* Economic systems
Classification
systems
knowledge 112
Classification
systems (continued)
library services **025.4**
see also *s.s.*–012
Classified
advertisements *see* Serial advertising
catalogs
books **017**
see also *s.s.*–†021 6
pay plans *see* Wages
Clastidiaceae *see* Cyanophyta
Clatsop Co. Ore. *area* –795 46
Clavichords *see* Keyboard string instruments
Clay Co.
Ala. *area* –761 58
Ark. *area* –767 995
Fla. *area* –759 16
Ga. *area* –758 927
Ill. *area* –773 795
Ind. *area* –772 44
Ia. *area* –777 15
Kan. *area* –781 275
Ky. *area* –769 145
Minn. *area* –776 92
Miss. *area* –762 945
Mo. *area* –778 16
Neb. *area* –782 357
N.C. *area* –756 985
S.D. *area* –783 393
Tenn. *area* –768 49
Tex. *area* –764 542
W.Va. *area* –754 67
Clay
industries *see* Ceramics
soils *see* Soils
Clays
geology
deposits 553.61
petrology 552.5
see also spec. minerals
industries
extractive
economics 338.27+
technology 622.36+
manufacturing *see* Ceramics
mining *see* Clays industries
petrology *see* Clays geology
properties
construction 691.4

Clays
properties (continued)
engineering
gen. wks. 620.19
see also spec. applications
quarrying *see* Clays industries
see also Soils
Clayton Co.
Ga. *area* –758 43
Ia. *area* –777 36
Cleaners
pneumatic *see* Pneumatic tools
Cleaning
crops *see* Terminal operations
households *see* Housecleaning
streets *see* Street cleaning
textiles
dry *see* Dry cleaning
water *see* Laundering
Cleanliness
personal *see* Personal grooming
Clear Creek Co. Colo. *area* –788 61
Clear-channel
stations *see* Broadcasting stations
Clearfield Co. Pa. *area* –748 61
Clearing
land
agriculture
gen. wks. 631.61
see also spec. crops
engineering
gen. wks. 624.15
see also spec. branches
Clearinghouses
banks
economics 332.78
management 658.91+
see also other financial institutions
Clearwater
Co.
Ida. *area* –796 88
Minn. *area* –776 83
Clearwater (continued)
Mts. Ida.
gen. wks. *area* –796 82
see also other areas
River Ida.
gen. wks. *area* –796 85
see also other areas
Cleavage
crystals 548.843
geology
gen. wks. 551.84
see also spec. ores
materials
construction 691
engineering 620.112
minerals 549.121
Cleburne Co.
Ala. *area* –761 64
Ark. *area* –767 285
Clematis *see* Ranales
Clemency
criminology *see* Reformative measures
ethics *see* Virtues
Clepsydras *see* Timepieces
Clerestories *see* Church buildings
Clergy
Christian rel.
ecclesiology **262.1**
gen. wks. **253**
gen. wks. 291.61
see also other spec. rel.
Clerical
vestments *see* Vestments
workers *see* Office personnel
Clermont Co. O. *area* –771 79
Clethraceae *see* Ericales
Cleveland Co.
Ark. *area* –767 69
N.C. *area* –756 775
Okla. *area* –766 37
Click
beetles
agricultural pests 632.7+
culture 638.57+
see also Elateroidea
Clifton Forge Va. *area* –755 81
Climacteric
disorders
men **616.693**

Climacteric
disorders (continued)
women **618.175**
physiology 612.665
Climates *see* Climatology
Climatology
physical geology **†551.6**
psych. effects †155.915
see also Weather
Climatotherapy
animals
gen. wks. 636.089+
see also spec. animals
man 615.834
see also spec. diseases
Climbing
activity *see* Outdoor life
irons *see* Recreational equipment
plants *see* Vines
Clinch
Co. Ga. *area* –758 81
Mts.
gen. wks. *area* –768 93
see also other areas
River Tenn.
gen. wks. *area* –768 73
see also other areas
Clinic
buildings *see* Commercial buildings
Clinical
medicine
animals
gen. wks. 636.089+
see also spec. animals
man 616.026
psychology
gen. wks. **†157.9**
pub. health **†614.58**
Clinics *see* Medical centers
Clinton Co.
Ill. *area* –773 875
Ind. *area* –772 55
Ia. *area* –777 67
Ky. *area* –769 65
Mich. *area* –774 24
Mo. *area* –778 155
N.Y. *area* –747 545
O. *area* –771 765
Pa. *area* –748 54
Clipper
ships *see* Sailing craft
Clipping
livestock *see* Grooming livestock
Clippings
collections
general **†080**
see also *s.s.*–08
library treatment †025.172
Clip-spot
work *see* Embroidery
Cliques *see* Behavior groups
Cloaks *see* Garments
Cloche
gardening *see* Bell-jar gardening
Clock
towers *see* Towers
Clockcases
arts
decorative 749.3
metalwork 739.3
see also Horology
Clocks *see* Timepieces
Clod
crushers *see* Crushers
Clog
dance *see* Dancing
Clogs *see* Footwear
Cloisonné
process *see* Enamels
Cloisters
cathedrals *see* Cathedral buildings
monastic *see* Monastic buildings
religion *see* Religious congregations
Closed-circuit
communication *see* Telecommunication
Closed-cycle
turbines *see* Gas-turbine engines
Closed-loop
control systems
engineering
economics **338.47+**

Closed-loop
control systems
engineering (continued)
technology
gen. wks. **629.83**
see also spec. branches
see also spec. applications
Closed-shop
policies *see* Unions
Close-up
photography
gen. wks. 778.324
see also spec. applications
Cloth *see* Textiles
Clothes
dryers
manufacture *see* Household appliances
plumbing 696.183
Clothing
gen. wks. *see* Garments
military *see* Uniforms
Cloud Co. Kan. *area* –781 25
Cloud
seeding *see* Artificial precipitation
Cloudbursts *see* Rain
Clouds
climatology †551.64+
meteorology †551.576
Clove
trees
floriculture 635.977+
see also Myricales
Clovers
agriculture
economics 338.17+
technology **633.32**
fodder
gen. wks. 636.086
see also spec. animals
see also Leguminosae
Cloves
agriculture
economics †338.17+
technology †633.83
food †641.338+
marketing 658.809+
Cloves (continued)
processing
economics 338.47+
technology 664.53
see also Caryophyllales
Clowns *see* Circuses
Club
cars *see* Trains
mosses *see* Lycopsida
Clubhouses *see* Public accommodations
Clubrooms
school equipment *see* School buildings
Clubs *see* Organizations
Cluj Romania *area* –†498 4
Cluniacs *see* Benedictines
Cluny
lace *see* Openwork fabrics
Clupeoidea *see* Isospondyli
Clusters
stellar *see* Stars (astronomy)
Clutches
mechanical *see* Couplings (mechanical)
motor vehicles *see* Chassis
Clyde River Scotland *area* –414
Cneoraceae *see* Celastrales
Cnidaria *see* Coelenterata
Cnidosporidia *see* Sporazoa
Coach
dogs *see* Working dogs
horses *see* Carriage horses
Coaches
railroads *see* Trains
Coagulants
blood *see* Cardiovascular drugs
Coahoma Co. Miss. *area* –762 44
Coahuila Mexico *area* –721
Coal Co. Okla. *area* –766 67
Coal
carbonization *see* Coke
gas *see* Industrial gases
mining *see* Coals industries
oil *see* Petroleum oils
Coalition
forces *see* Combat units
Coalitions *see* International relations
Coals
geology **553.2**

Coals (continued)
industries
extractive
economics **338.27+**
technology **622.33+**
manufacturing *see spec. industries*
processing
economics **338.47+**
technology **662.62**
see also spec. applications
Coal-tar
derivatives
chemistry 547.82
manufacture
economics 338.47+
technology 661.803
pharmacology
gen. wks. **615.31+**
veterinary **636.089+**
see also spec. applications
dyes *see* Dyes
Coast Ranges
B.C. *area* –711 3
Calif. *area* –794 1
gen. wks. *area* –795
Wash. *area* –797 9
Coast
artillery
forces *see* Artillery forces
pieces *see* Artillery (pieces)
defense *see* Home defense
guard
forces
gen. wks. 359.97
see also spec. kinds of warfare
Coastal
changes
control *see* Shore reclamation
gen. wks. *see* Marine waters
pools *see* Marine waters
regions *see* Coasts
Coasting *see* Snow sports
Coasts
economics
resources 333.917
see also Real-estate
Coasts (continued)
geography
gen. wks. 910.091+
physical †910.02+
regional history 909.09+
regional subj. treatment *area* –146
see also spec. areas
Coated
papers *see* Paper products
Coating
metals *see* Surface treatment
paper *see* Papermaking
Coatis *see* Procyonines
Coats *see* Garments
Coats of arms *see* Heraldic design
Cob
construction *see* Sun-dried blocks
Cobalt
compounds
chemistry **546.623**
manufacture 661.06+
fabrication *see* Cobalt industries
geology
gen. wks. 553.48
mineralogy *see spec. minerals*
industries
extractive
metallurgy 669.733
mining
economics 338.27+
technology 622.348
manufactures
economics 338.47+
technology 673.73+
metabolism *see* Metabolism
metallography *see* Cobalt properties
mineralogy *see spec. minerals*
mining *see* Cobalt industries
products *see spec. subj.*
properties
chemistry **546.623**
engineering 620.189 3+
metallography 669.95+
see also Radiochemistry

Cobaltite
  mineralogy 549.32
  see also Cobalt geology
Cobb Co. Ga. *area* –758 245
Cobbling *see* Footwear
Coblenz Germany *area* –†434 3
Cobnuts *see* Filberts
Cobra
  plants *see* Sarraceniales
Cocaine
  drugs *see* Botanical drugs
  plant *see* Malpighiales
Coccidiosis *see* Dysenteries
Coccus
  lacca *see* Lac insects
Coccygeal
  muscles *see* Muscles
  nerves
    anatomy *see* Neuroanatomy
    diseases *see* Neurological diseases
    physiology *see* Neurophysiology
Cochabamba Bolivia *area* –842
Cochineal
  insects
    culture 638.3
    see also Homoptera
Cochise Co. Ariz. *area* –791 53
Cochlea *see* Internal ear
Cochlospermaceae *see* Bixales
Cochran Co. Tex. *area* –764 845
Cochrane District Ont. *area* –713 14
Cockateels *see* Parrots
Cockatoos *see* Parrots
Cocke Co. Tenn. *area* –768 895
Cockfighting *see* Animal performances
Cockpits
  aircraft *see* Fuselages
Cockroaches
  agricultural pests 632.7+
  culture 638.57+
  disease carriers *see* Disease carriers
  see also Blattariae
Cocks (mechanical) *see* Valves (mechanical)
Cocks (poultry) *see* Poultry
Cockscomb *see* Chenopodiales
Cocktail
  parties *see* Hospitality
Cocktails *see* Spirits (alcoholic)
Coco
  trees *see* Cacao trees
Cocoa
  butter *see* Fats
  crops *see* Cacao
Coconino Co. Ariz. *area* –791 33
Coconscious *see* Depth psychology
Coconut
  fibers *see* Coir fabrics
  oil *see* Fixed oils
  trees
    culture 635.977+
    forestry 634.974+
    see also Palmales
Coconuts
  agriculture
    economics 338.17+
    technology **634.61**
  food 641.34+
  marketing 658.809+
  processing *see spec. products*
  see also Palmales
Cocos Isls. Indian Ocean *area* –†699
Cocos
  nucifera *see* Coconuts
Cod
  culture 639.37+
  fishing
    industries
      economics 338.372+
      technology 639.27+
    sports 799.17+
  food
    cookery 641.6+
    gen. wks. 641.39+
  see also Acanthopterygii
Codes
  cryptography *see* Cryptography
  internal law *see* Statutes
  religion
    Christian 241.5-
    gen. wks. 291.5
    see also other spec. rel.

Codex
  Roman law *see* Roman law
Codington Co. S.D. *area* –783 23
Cod-liver oil *see* Fish-liver oils
Coelenterata
  culture †639.73+
  paleozoology 563.5
  zoology 593.5
Coelomic
  cavities *see* Embryology
Coelum *see* Peritoneum
Coenopteridales *see* Filicineae
Coenzyme A *see* Enzymes
Coeur d'Alene Mts.
  gen. wks. *area* –796 91
  see also other areas
Coffea *see* Coffee
Coffee Co.
  Ala. *area* –761 34
  Ga. *area* –758 823
  Tenn. *area* –768 64
Coffee
  agriculture
    economics 338.17+
    technology **633.73**
  food
    beverage 641.877
    cookery 641.6+
    gen. wks. 641.337+
    processing
      economics **338.47+**
      technology **663.93**
  marketing 658.809+
  see also Rubiales
Coffeehouses *see* Public accommodations
Cofferdam
  method *see* Subaqueous foundations
Coffey Co. Kan. *area* –781 645
Cog
  railways *see* Special-purpose railways
Cognac *see* Spirits (alcoholic)
Cognition
  metaphysics 126
  psychology *see* Knowledge
Cogwheels *see* Gears
Cohesion
  crystals 548.843
Cohesion (continued)
  materials
    construction 691
    engineering 620.112
  minerals 549.121
Coiffures *see* Hairdressing
Coimbra Portugal *area* –469 35
Coinage
  finance **332.4**
  see also Coins
Coins
  manufacture
    economics 338.47+
    technology
      gen. wks. 671.83
      see also spec. metals
  numismatics **737.4**
Coir
  fabrics
    manufacture
      economics 338.47+
      technology 677.18
    marketing 658.809+
  see also spec. applications
Cojedes Venezuela *area* –874
Coke Co. Tex. *area* –764 723
Coke
  manufacture
    economics 338.47+
    technology 662.72
  petroleum *see* Petroleum products
  see also spec. applications
Coke-oven
  gas *see* Industrial gases
Cola
  acuminata *see* Cola nuts
  nuts
    agriculture
      economics 338.17+
      technology **633.76**
    food 641.337+
  trces
    culture 635.977+
    forestry 634.973+
  see also Tiliales
Colaciaceae *see* Euglenophyta
Colbert Co. Ala. *area* –761 915
Colchagua Chile *area* –833
Colchester Co. N.S. *area* –716 12

Colchis
ancient *area* –395
modern *area* –479 5
Cold
baths
therapy *see* Hydrotherapy
creams *see* Cosmetics
frames *see* Forcing equipment
fronts *see* Atmospheric formations
perception *see* Cutaneous perceptions
storage
food *see* Food preservation
therapy *see* Thermotherapies
war
activities *see* Psychological warfare
Cold-cathode
tubes *see* Electronic tubes
Cold-weather
photography
gen. wks. 778.75
see also spec. applications
warfare *see* Battle tactics
Cold-working
operations
metals
gen. wks. 671.3
see also spec. metals
see also other products
Cole Co. Mo. *area* –778 55
Coleman Co. Tex. *area* –764 725
Colemanite
mineralogy *see* Boron geology
Coleoptera
paleozoology 565.76
zoology 595.76
Coles Co. Ill. *area* –773 72
Coleus *see* Labiatae
Colfax Co.
Neb. *area* –782 53
N.M. *area* –789 22
Colima Mexico *area* –723
Colitis *see* Intestinal disorders

Collagenous
tissues *see* Histology
Collar
bearings *see* Bearings
Collarbone *see* Bones
Collards *see* Cabbages
Collars *see* Dress accessories
Collateral
loans *see* Credit
Collected
prescriptions *see* Formularies
writings
gen. wks. †080
literature
gen. wks. 808.8
see also spec. lit.
see also *s.s.*–08
Collecting
museum sci. 069.4
recreation 790.023 2
research methodology 001.429
see also *s.s.*–075
Collections *see* Collected writings
Collective
bargaining
gen. wks. *see* Employer-employee relationships
groups *see* Behavior groups
security *see* International relations
Collectivism
economics
production 338
systems 335
pol. sci. *see spec. types of state*
Collectivist
farms
agriculture 631
economics †338.763
systems *see* Collectivism
Collect-on-delivery
mail *see* Postal communication
College
areas *see* Cultural areas

College (continued)
buildings
architecture 727.3
construction
economics 338.47+
technology 690.7+
interior decoration 747.8+
libraries
gen. wks. 027.7
see also spec. functions
of Cardinals *see* Papacy
preparatory schools *see* Secondary schools
publishing *see* Publishing
songs *see* Student songs
Colleges
gen. wks. 378.154
govt. control
education 379.15
pub. admin.
gen. wks. †350.85
see also spec. levels of govt.
women 376.8
see also ***s.s.*–071 1**
Collembola *see* Synaptera
Collenchyma *see* Histology
Colleton Co. S.C. *area* –757 95
Collier Co. Fla. *area* –759 44
Colliers (ships) *see* Merchant ships
Collies *see* Working dogs
Colligative
properties
solutions
chemistry
organic 547.1+
physical 541.341 5
technical 660.29+
physics 530
Collin Co. Tex. *area* –764 556
Collingsworth Co. Tex. *area* –764 83
Collision
prevention
public health 614.86
seamanship 623.888 4
Collisions
at sea *see* Shipwrecks
Collodions *see* Medicinal solutions

Collogravure
printing *see* Photomechanical printing
Colloidal
fuels
manufacture
economics 338.47+
technology 662.82
see also spec. applications
solutions *see* Colloids
Colloids
chemistry
gen. wks. 541.345
organic 547.1+
technical 660.29+
see also spec. applications
Collusion *see* Offenses
Cologne Germany *area* –†435 5
Colognes *see* Perfumes
Colombia ***area*** **–861**
Colón Ecuador see Galápagos Isls.
Colon (anatomy) *see* Intestines
Colonels *see* Personnel
Colonia Uruguay *area* –895 1
Colonial Heights Va. *area* –755 59
Colonial
Dames *see* Hereditary societies
forces *see* Combat units
periods
U.S. history 973.2
see also other spec. countries
trade *see* Trade (activity)
Colonies
biology *see* Ecology
pol. sci. *see* Dependent states
Colonization
pol. sci. 325.3
see also Dependent states
Colonnades *see* Walls
Colonnettes *see* Columnar constructions
Color
arts
gen. wks. 701.8
see also spec. art forms
physics 535.6

Color (continued)
psychology
gen. wks. †155.911+
perception †152.145
see also Pigmentation
Colorado (state) *area* **–788**
Colorado
Co. Tex. *area* –764 253
Desert Calif.
gen. wks. *area* –794 99
see also other areas
River (SW U.S.)
Colo. *area* **–788 1**
gen. wks. *area* **–791 3**
Utah *area* **–792 5**
River (Tex.)
gen. wks. *area* **–764 1**
see also other areas
Colorado
tick fever *see* Tick fever
Color-blindness *see* Defective vision
Colorimetric
analysis *see* Optical analysis
Color-lithographs *see* Prints
Color-lithography *see* Planographic processes
Color-photography
gen. wks. **778.6**
see also spec. applications
Color-television *see* Telecommunication
Colossendeomorpha *see* Pycnogonida
Colossians (N.T.) *see* Pauline epistles
Colostrum *see* Mammary glands
Colquitt Co. Ga. *area* –758 975
Colts *see* Horses
Columbae *see* Columbiformes
Columbariums *see* Mortuary chapels
Columbia
Co.
Ark. *area* –767 59
Fla. *area* –759 83
Ga. *area* –758 635
N.Y. *area* –747 39
Ore. *area* –795 47
Pa. *area* –748 38
Columbia
Co. (continued)
Wash. *area* –797 46
Wis. *area* –775 81
River
B.C. *area* –711 45
gen. wks. *area* **–797**
Ore. *area* **–795 4**
Columbiana Co. O. *area* –771 63
Columbiformes
paleozoology 568.6
zoology 598.65
Columbines *see* Ranales
Columbite
mineralogy †549.528
see also Columbium geology
Columbium
compounds
chemistry **546.524**
manufacture 661.05+
fabrication *see* Columbium industries
geology
gen. wks. †553.499
mineralogy *see spec. minerals*
industries
extractive
metallurgy 669.79
mining 622.34+
manufacturing
economics 338.47+
technology 673.79
metallography *see* Columbium properties
mineralogy *see spec. minerals*
mining *see* Columbium industries
products *see spec. subj.*
properties
chemistry **546.524**
engineering 620.189 9
metallography 669.957+
see also Radiochemistry
Columbus Co. N.C. *area* –756 31
Columbus
Day *see* Holidays
Columelliaceae *see* Personales

Columnar
constructions
architecture 721.3
construction
economics 338.47+
technology
buildings 690.1+
gen. wks. 624.16
see also Structural woodworking
see also spec. structures
Columns
structural element *see* Columnar constructions
structural form *see* Structural forms
Colusa Co. Calif. *area* –794 33
Colydioidea
paleozoology 565.76
zoology 595.769
Colymbiformes
paleozoology 568.4
zoology 598.443
Comal Co. Tex. *area* –764 887
Comanche Co.
Kan. *area* –781 79
Okla. *area* –766 48
Tex. *area* –764 55
Comatulida *see* Crinoidea
Comb
honey *see* Honeys
jellies *see* Ctenophorae
Combat
fatigue *see* Hysterias
services *see* Defense
sports
management **658.91+**
performance **796.8**
units
mil. sci.
gen. wks. **355.35**
see also spec. services
see also hist. of spec. wars
vehicles *see* Armored vehicles
Combination
ports *see* Harbors
Combinations
algebra *see* Combinatory algebra
Combinations (continued)
industrial
economics **338.8**
management 658.04+
Combinatory
algebra
gen. wks. 512.5
see also *s.s.*–015+
Combines *see* Harvesting equipment
Combretaceae *see* Myrtales
Combustible
materials *see* Flammable materials
Combustion
chemistry
gen. wks. 541.361
organic 547.1+
technical 660.29+
engineering
gen. wks. 621.402 3
see also spec. branches
physics **536**
see also Pyrolysis
Comedy *see* Drama
Comets
astronomy
descriptive **523.6**
theoretical 521.7
Comfort
stations
engineering
economics 338.47+
technology 628.45
pub. health 614.794
see also Plumbing
Comics *see* Cartoons
Coming-of-age *see* Puberty
Commagene *area* –393 6
Command
systems
aeronautics 629.132 6
astronautics
gen. wks. 629.433
sec also spec. crafts
mil. eng. *see spec. equip.*
Commanders-in-chief *see* Personnel
Commando
tactics *see* Battle tactics
Commelinaceae *sce* Commelinales

Commelinales
  botany 584.38
  floriculture 635.934+
Commentaries
  Biblical
    gen. wks. **220.7**
    see also spec. parts
Commerce (activity)
  govt. control
    gen. wks. **†350.82**
    see also spec. levels of govt.
  management **658.91+**
  services **380**
Commerce
  departments *see* Executive departments
Commercial
  areas
    geography *see spec. areas*
    landscaping 711.552
    planning
      civic art 711.552
      sociology 301.34
  arithmetic *see* Business arithmetic
  art
    advertising 659.132 3
    drawings **741.6**
  buildings
    architecture **725.2**
    construction
      economics **338.47+**
      technology **690.5+**
    housekeeping **647.96+**
    interior decoration **747.8+**
  credit *see* Credit
  education *see* Vocational education
  fishing *see* Fishing
  gardening *see* Garden crops
  land
    economics
      gen. wks. 333.77
      see also Real estate
    see also Commercial areas
  law
    internal **†347.7**
    international †341.57
Commercial (continued)
  paper *see* Credit instruments
  policy *see* Trade (activity)
  revenues *see* Nontax revenues
Commercials
  advertising *see* Broadcast advertising
Commissary
  services
    mil. sci. *see* Special services
Commission
  houses *see* Investment institutions
  merchants *see* Wholesale marketing
Commissioning
  men *see* Manpower mobilization
  women *see* Womanpower mobilization
Commissions
  government
    gen. wks. **350.009**
    see also spec. levels of govt.
  see also spec. professions
Committees *see* Organizations
Commodities (goods) *see* Consumer goods
Commodities
  securities *see* Securities
Commodity
  exchange
    buildings *see* Commercial buildings
  exchanges *see* Investment institutions
  taxes *see* Taxation
Common
  cold *see* Respiratory diseases
  land
    economics 333.2
    landscaping **712–719**
    see also ***area*** **–14**
  law
    criminal **343**
    gen. wks. **347**
Commoners *see* Social classes

Commons (land) *see* Recreational land
Commonwealth
  governments *see* Central governments
Communal
  land *see* Common land
Communicable
  diseases
    animals
      vet. sci. **636.089+**
      zoology 591.2
      see also spec. animals
    man
      medicine **616.91–.96**
      pediatrics **618.929+**
      pub. health
        gen. wks. **614.4**
        see also spec. diseases
    plants
      agriculture **632.2–.4**
      botany **581.23**
      see also spec. plants
    see also Nursing
Communication
  commands
    aerial *see* Air forces
  engineering *see* Communication systems
  gen. wks. **†001.5**
  govt. control
    gen. wks. **350.873–.874**
    see also spec. levels of govt.
  services
    gen. wks. 380.3
    see also spec. kinds
  sociology †301.16
  systems
    architecture
      gen. wks. 729.25
      see also spec. structures
    engineering
      gen. wks.
        economics **338.47+**
        technology **621.382–.389**
      military **623.73**
      ships †623.856
    executive management **658.45**
Communication
  systems (continued)
    mil. sci.
      gen. wks. 358.24
      see also spec. kinds of warfare
    office services **651.7**
    see also spec. systems & applications
  see also Language
Communion
  music *see* Mass (religion)
  religion *see* Sacraments
Communism *see* Communist states
Communist
  parties *see* Political parties
  states
    economics **335.4**
    geography 910.091+
    history 909.09+
    pol. sci. †321.92
    subj. treatment *area* –171 7
    see also spec. states
Communities
  biology *see* Ecology
  government *see* Local governments
  planning *see* Planning communities
  pol. sci. **323.35**
  sociology **301.34**
  see also spec. areas
Community
  center
    buildings
      architecture 727.9
      construction
        economics 338.47+
        technology 690.7+
      interior decoration 747.8+
      see also Public buildings
  development *see* Planning communities
  nursing *see* Nursing
  planning *see* Planning communities
  property
    law *see* Family (institution)

Community (continued)
songs
customs **394**
music **784.61**
singing **†784.96**
welfare
gen. wks. 361.8
see also spec. services
Commutators
elect. eng. †621.316
physics 537.63
Como Italy *area* –452 3
Comoro Isls. Indian Ocean *area* –694
Companies
business
incorporated *see* Corporations
unincorporated *see* unincorporated companies
military *see* Organizational units
Companionate
marriage *see* Sex relations
Comparative
anatomy *see* Anatomy
cytology *see* Cytology
medicine
animals **636.089+**
man **619**
physiology *see* Physiology
psychology **†156**
religion
gen. wks. **291**
see also Religious
Compasses
magnetic *see* Magnetic compasses
Compassion
psychology *see* Emotions
virtues *see* Virtues
Compensated
dollar *see* Managed currency
Compensation
plans *see* Wages
Compensators
elect. eng. *see* Direct-current machinery
Competitions
advertising *see* Contest advertising
gen. wks. †001.44
students
gen. wks. **†371.89**
see also spec. levels of ed.
see also *s.s.*–079
Complex
multiplication *see* Numbers (symbols)
salts *see* Salts
variables
calculus
gen. wks. **517.8**
see also ***s.s.*–015+**
Complexion
make-up *see* Cosmetics
Compline *see* Divine Office
Composing-machines
manufacture
economics 338.47+
technology 681.61
marketing 658.809+
office equipment 651.264
printing *see* Machine typesetting
Compositae *see* Asterales
Composite
commodity money *see* Monetary standards
current
engineering
economics 338.47+
technology 621.319 15
engraving
arts 766.7
industry 655.318
engravings *see* Prints
representation
arts *see spec. art forms*
crafts 745.8
woods
construction
economics 338.47+
technology 693.92
manufacture
economics **338.47+**
technology **674.83**
materials
construction 691.1

Composite
woods
materials (continued)
engineering 620.12
see also spec. applications
Composition
arts
gen. wks. 701.8
music **781.6**
see also other art forms
literary *see* Rhetoric
printing *see* Typesetting
Compost
fertilizers
agriculture
gen. wks. 631.875
see also spec. crops
marketing 658.809+
processing
economics 338.47+
technology 668.63+
Compound
bridges
eng. & construction
economics 338.47+
technology 624.7
see also Bridges
liquors *see* Spirits (alcoholic)
microscopes *see* Microscopes
Comprehension *see* Perception
Comprehensive
high schools *see* Secondary schools
Compressed
air *see* Pneumatic engineering
Compressed-air
automobiles *see* Motor vehicles
engines *see* External-combustion engines
locomotives *see* Locomotives
Compressibility
physics
gases †533.28
liquids †532.2
see also Stresses (mechanical)
Compressible
air flow *see* Air flow
Compressing-rams *see* Rams (hydraulics)
Compressive
stresses *see* Stresses (mechanical)
Compromise *see* Conscience
Compton Co. Que. *area* –714 68
Compulsive
defrauding *see* Personality disorders
lying *see* Personality disorders
measures
labor *see* Strikes
international relations
law 341.65
pol. sci. **327**
Compulsory
education *see* Public education
labor
economics **331.5**
penology
gen. wks. 365.65
see also Reformatories
revenues *see* Taxation
service
men *see* Manpower mobilization
women *see* Womanpower mobilization
Computers
engineering **†621.381 95**
managerial use **658.505–.507**
mathematics **510.78**
office equipment **651.26**
see also ***s.s.*–015+**
Comtism *see* Positivism
Concentration
camp
areas *see* Prison areas
buildings *see* Prison buildings
camps *see* Prisons
Concepción
Chile *area* –833
Paraguay *area* –892 1
Concept
formation *see* Concepts

Concepts
  psychology †153.23
  see also Conceptualism
Conceptualism
  philosophy 149.1
  religion
    gen. wks. 291.14
    see also spec. rel.
  see also Concepts
Concert
  halls *see* Recreation buildings
Concerti
  grossi *see* Orchestras
Concertinas *see* Accordions
Concertos *see* Orchestras
Concerts
  gen. wks. 780.73
  see also spec. mediums
Concho Co. Tex. *area* –764 71
Conchology *see* Mollusca
Conchostraca *see* Branchiopoda
Conciliation
  practices
    ind. relations **331.15**
    international relations
      law **341.6**
      pol. sci. **327**
    management *see* Employer-employee relationships
Concordia Par. La. *area* –763 73
Concourses *see* Trafficways
Concrete
  blocks *see* Artificial stones
  masonry *see* Masonry (construction)
  music *see* Musique concrète
Concrete-penetrating
  projectiles *see* Special-purpose projectiles
Concubinage *see* Sex relations
Condemned
  books *see* Prohibited books
Condensation
  chemical *see* Polymerization
  physical *see* Physical transformations
Condensers
  engineering
    electricity 621.315
    electronics 621.381 5
  physics
    electricity 537.242
    electronics 537.53
Condimental
  herbs *see* Herbs
Condiments
  agriculture
    economics 338.17+
    technology 633.84
  food
    cookery *see spec. products*
    gen. wks. 641.338+
    processing
      economics 338.47+
      technology 664.54
  marketing 658.809+
Conditional
  immortality *see* Annihilationism
Conditioned
  reflexes *see* Reflex actions
Conduct
  of life *see* Ethics
  of war *see* Warfare
Conducting
  music *see* Musical performance
Conduction
  phenomena *see* Conductivity
Conduction-heating *see* Electric furnaces
Conductivity
  electric
    crystallography 548.85
    physics **537.62**
  heat *see* Heat transfer
Conductometric
  titration *see* Electroanalysis
Conduits
  drainage *see* Drainage structures
  irrigation *see* Irrigation
Condylarthra *see* Protungulata
Conecuh Co. Ala. *area* –761 26
Conejos Co. Colo. *area* –788 33

Confectionery *see* Candies
Conferences
  organizations *see* Organizations
  teaching *see* Discussion methods
Confession
  penance *see* Sacraments
Confessionals *see* Sacred furniture
Confessions
  of faith *see* Creeds
Configuration
  psychology *see* Gestalt psychology
Configurative
  chemistry *see* Stereochemistry
  geometry *see* Denumerative geometry
Confinement
  childbirth *see* Parturition
Confirmation *see* Sacraments
Conflict
  of duties *see* Conscience
Conformity
  psychology †153.854
  sociology **301.152**
Confucianism
  culture groups
    geography 910.091+
    history 909.09+
    subject treatment *area* –176+
  philosophy 181.09+
  religion **299.512**
Conga
  dance *see* Dancing
Congelation *see* Physical transformations
Congenital
  defects *see* Teratology
  heart diseases *see* Cardiac disorders
Congo (Brazzaville) *area* –672 4
Congo (Leopoldville) *area* –675
Congregational
  Christian Churches *see* Congregationalism
  Methodist Church *see* Methodist churches
  singing *see* Hymnology
Congregational (continued)
  system
    clergy 262.19
    government 262.4
Congregationalism
  religion **285.8**
  see also Church buildings
Congregations
  church polity *see* Congregational system
  denominational *see* Parishes
  religious *see* Religious congregations
Congresses
  legislative *see* Legislative bodies
  organizations *see* Organizations
Congressional
  immunity *see* Political immunity
Congruences *see* Numbers (symbols)
Conies *see* Hyracoideans
Coniferales
  botany 585.2
  floriculture 635.935+
  paleobotany 561.52
Coniferous
  shrubs *see* Shrubs
  trees
    culture 635.977+
    forestry **634.975**
    landscaping 715.2
    see also Coniferales
Conifers *see* Coniferous trees
Conjugales *see* Chlorophyta
Conjugation (physiology) *see* Reproduction
Conjunctival
  disorders
    animals
      vet. sci. **636.089+**
      zoology 591.2
      see also spec. animals
    man **617.77**
Conjunctivitis *see* Conjunctival disorders
Conjuring *see* Magic arts
Connacht Ireland *area* **–417**
Connaraceae *see* Sapindales

Connaught Ireland *see* Connacht
Connecticut (state) *area* –746
Connecticut River
Conn. *area* –746
gen. wks. *area* –74
Mass. *area* –744 2
Connective
tissues *see* Histology
Consanguinity
gen. wks. *see* Kinship
law *see* Family (institution)
Conscience
ethics 171.6
religion
Christian 241.1
gen. wks. 291.5
see also other spec. rel.
Conscientious
objectors
ethics 172.1
mobilization 355.224
see also Peace movements
Conscious
mental processes *see* Intellectual processes
Consciousness
metaphysics 126
psychology 153
Conscription
men *see* Manpower mobilization
women *see* Womanpower mobilization
Conservation
forests *see* Forestation
national resources *see* National resources
soils *see* Soil conservation
water *see* Water conservation
wildlife *see* Wildlife conservation
Conservation-policies
economics
gen. wks. 333.72
see also spec. resources
techniques *see spec. kinds of conservation*
Conservative
Party *see* Political parties
Conservatories (museums)
gen. wks. **069**
see also *s.s.*–074
Conservatories (plant) *see* Farm buildings
Conserves *see* Jams
Consocies *see* Ecology
Conspiracy *see* Offenses
Conspirators *see* Offenders
Constables *see* Police
Constanta Romania *area* –498 3
Constantinople *see* Istanbul
Constellations *see* Stars (astronomy)
Constipation *see* Intestinal disorders
Constitution
Party *see* Political parties
Constitutional
Church *see* Schismatic churches
Government
Party *see* Political parties
guarantees *see* Civil rights
history *see* Constitutional law
law
drafting *see* Bills (legislation)
gen. wks. **342**
monarchies
pol. sci. 321.72
see also spec. jurisdictions
Construction
engineering *see* Civil engineering
forces *see* Engineer forces
operations
civil eng. *see spec. structures*
mil. eng. **623**
see also Secondary industries
Constructive
accounting *see* Bookkeeping
geometry *see* Descriptive geometry
Consular
systems
administration 350.892
international law 341.8
pol. sci. 327

Consulate
buildings *see* Government buildings
Consulates *see* Consular systems
Consultants
managerial use 658.46
see also spec. subj.
Consumer
credit *see* Credit
goods
consumption
economics **339**
see also other spec. subj.
production *see* Production
marketing *see* Retail marketing
research *see* Market research & analysis
Consumers'
cooperatives *see* Distribution cooperatives
Consumption
wealth
economics **339.4**
govt. control
gen. wks. 350.829
see also spec. levels of govt.
see also other spec. subj.
Contact
allergies *see* Allergies
lenses
manufacture
economics 338.47+
technology 681.42
optometry *see* Optometry
printing
photography 770.284
see also Printing processes
Contactors
electricity
engineering 621.316
physics 537.63
Contagious
diseases *see* Communicable diseases
wards *see* Hospitals
Containers
arts
earthenware **738.38**
porcelain **738.28**
manufacture
earthenware 666.68
paper *see* Converted paper products
porcelain 666.58
see also other spec. materials
Container-ship
operations *see* Transportation services
Contemplation *see* Meditation
Contemplations *see* Meditations
Contempt
of court *see* Offenses
Contest
advertising
economics 338.47+
technology 659.17
Contests *see* Competitions
Continence *see* Sexual ethics
Continental
shelves *see* Continents
winds *see* Winds
wrestling *see* Unarmed combat
Continents
geography
gen. wks. 910.091+
physical †910.02+
geology 551.41
regional subj. treatment *area* –141
see also spec. continents
Continuation
schools
gen. wks. **374.8**
govt. control
gen. wks. †350.85
see also spec. levels of govt.
Continued
fractions *see* Series
Continuous
bridges *see* Trussed bridges
girders *see* Beams
groups *see* Groups
trusses *see* Trusses

Continuous-combustion
turbines *see* Gas-turbine engines
Continuous-process
methods *see* Operational management
Contortions
geology *see* Dislocations
Contour
band saws *see* Sawing-machinery
Contouring
cultivation methods 631.587 5
erosion control 631.455
Contra Costa Co. Calif. *area* –794 63
Contrabasses
manufacture
economics 338.47+
technology 681.81+
music **787.41**
Contrabassoons *see* Double-reed instruments
Contract
bridge *see* Card games
labor *see* Contract systems
law *see* Private law
systems
labor
economics 331.54
penology 365.65
Contracting
practices
economics 338.47+
technology 692.8
Contraction
thermal *see* Thermal properties
Contracts
business †658.72
government
gen. wks. 350.711
see also spec. levels of govt.
Contractual
liability
insurance *see* Liability insurance
Contravariants *see* Invariants
Control
devices
engineering
electric lighting 621.328 8
Control
devices
engineering (continued)
electric-power
stations **621.317**
transmission 621.319 8
electronics
feedback systems 629.831 5
gen. wks. 621.381 54
see also spec. branches
steam 621.185
see also other spec. applications
engineering *see* Automatic control
towers
engineering
airport 629.136 5–.136 6
space 629.478
services *see* Transportation services
Controlled
economics *see* Planning production
Controllers
engineering
liquid-pressure 621.28
see also Control devices
see also spec. applications
Contusions *see* Injuries
Conundrums *see* Puzzles
Convalescent
homes
management 658.91+
services 362.16
serums *see* Serums
Convection *see* Heat transfer
Convective
heating
engineering
central **697.3**
local **697.2**
see also Heat transfer
Convent
buildings *see* Monastic buildings
education
gen. wks. 376.5
see also Church-supported schools

Conventional
war *see* Strategy
Conventions
church polity *see* Congregational system
customs *see* Customs (conventions)
organizations *see* Organizations
Convents
religion *see* Religious congregations
Conventuals *see* Franciscans
Conversation *see* Vocal expressions
Conversations *see* Speeches
Converse Co. Wyo. *area* –787 16
Conversion
religion *see* Religious experience
Converted
household
garbage *see* Garbage fertilizers
paper products
manufacture
economics **338.47+**
technology **676.3**
marketing **658.809+**
Converters
electrical eng.
alternating current 621.313 3
direct current 621.313 2
physics
alternating current 537.63
direct current 537.61
see also spec. applications
Conveying
systems *see* Materials-handling equipment
Convict
labor
economics 331.51
penology 365.65
Convicts *see* Inmates
Convocations
church polity *see* Congregational system
Convolvulaceae *see* Solanales
Convulsions
symptomatology
animals
gen. wks. 636.089+
see also spec. animals
man 616.072
see also spec. diseases
see also Eclampsia
Conway Co. Ark. *area* –767 31
Cook
Co.
Ga. *area* –758 876
Ill. *area* **–773 1**
Minn. *area* –776 75
Isls. *area* –962 3
Cookbooks *see* Cookery
Cooke Co. Tex. *area* –764 533
Cookery
commercial
economics **338.47+**
technology **664**
home **641.5–.8**
Cookies *see* Bakery products
Cooking
oils *see* Fixed oils
processes
commercial **664**
home **641.7**
Cookouts *see* Outdoor meals
Cooks *see* Domestic employees
Coolants
engineering
gen. wks. 621.564
see also spec. branches
manufacture
economics **338.47+**
technology **661**
see also spec. applications
Cooling
chem. tech. *see* Unit operations
gen. wks. *see* Heat transfer
Cooper Co. Mo. *area* –778 51
Cooperage
lumber *see* Sawmill products
manufacture
economics 338.47+
technology 674.82
see also spec. applications
Cooperation
library functions †021.64
psychology †158.5

Cooperation (continued)
sociology **301.2**
see also Cooperatives
Cooperative
cataloging
library services 025.35
management *see* Employer-employee relationships
welfare
agencies *see* Community welfare
Cooperatives
economics **334**
managerial control 658.114 7
Cooper-Hewitt
lamps *see* Electric lighting
Coops *see* Shelters
Coordinate
geometry *see* Analytical geometry
Coordinates
celestial navigation **527.1–.2**
geodesy **526.61–.63**
Coorg India *area* –†548 7
Coos Co.
N.H. *area* –742 1
Ore. *area* –795 23
Coos (subject) *see* Macro-Penutian
Coosa
Co. Ala. *area* –761 59
River
gen. wks. ***area* –761 6**
see also other areas
Coots *see* Rails (birds)
Copenhagen Denmark *area* –489 1
Copepoda
culture 639.5
paleozoology 565.34
zoology 595.34
Copernican
theory *see* Celestial dynamics
Copiah Co. Miss. *area* –762 52
Copper
Age
gen. wks. †913.031 5
see also spec. subj.
alloys
manufacture
economics **338.47+**
Copper
alloys
manufacture (continued)
technology **673.3**
metallurgy 669.3
properties
chemistry **546.652**
engineering 620.182
metallography 669.95+
coinage
finance †332.46
numismatics **737.4**
compounds
chemistry **546.652**
manufacture 661.06+
see also Poisons
engravings
collections **769**
techniques
arts **765**
technology 655.318
fabrication *see* Coppersmithing
geology
gen. wks. 553.43
mineralogy
element 549.23
minerals *see spec. minerals*
industries
extractive
metallurgy
economics 338.47+
technology 669.3
mining
economics 338.27+
technology 622.343
manufacturing *see* Coppersmithing
metabolism *see* Micronutrient elements
metallography *see* Copper properties
mineralogy *see* Copper geology
mining *see* Copper industries
products *see spec. subj.*
properties
chemistry **546.652**
engineering 620.182

Copper
properties (continued)
metallography 669.95+
see also Radiochemistry
Copper-aluminum
alloys *see* Copper alloys
Copper-beryllium
alloys *see* Copper alloys
Copperplate
printing *see* Metal engraving
Coppersmithing
arts **739.51**
manufacturing
economics **338.47+**
technology **673.3**
Copperwork *see* Coppersmithing
Coptic
Church
religion 281.7
see also Church buildings
ethnic groups *area* –174+
language **493.2**
lingual groups *area* –175+
see also other spec. subj.
Copying-machines *see* Duplicating-machines
Copyright
deposits 021.84
law †340
Copywriting
advertising **659.13**
journalism 070.4
Coquimbo Chile *area* –832
Coracii *see* Coraciiformes
Coraciiformes
paleozoology 568.8
zoology 598.89
Coracles *see* Hand-propelled craft
Coral
reefs *see* Islands
Corals
fisheries †639.73+
see also Anthozoa
Corchorus *see* Jute
Cordage
manufacture
economics 338.47+
technology 677.71
marketing 658.809+
Cordage (continued)
materials
engineering 620.112 88
nautical 623.888 2
see also spec. applications
Cordaitales
gen. wks. 561.55
see also *s.s.*–015+
Cordaiteae *see* Cordaitales
Cordials
alcoholic *see* Spirits (alcoholic)
Cordierite
mineralogy 549.64
see also Semiprecious stones
Córdoba
Argentina *area* –825
Colombia *area* –861 1
Spain *area* –468 4
Cordova-McCarthy election district Alaska *area* –798 3
Cords *see* Passementerie
Corduroys *see* Fancy-weave fabrics
Coreopsis *see* Asterales
Corfu Greece *area* –495 5
Corgis *see* Working dogs
Coriander
agriculture
economics 338.17+
technology 635.7
food 641.35+
marketing 658.809+
processing *see spec. products*
see also Umbelliflorae
Coriariaceae *see* Coriariales
Coriariales
botany 583.29
floriculture 635.933+
Corinthia Greece
ancient *area* –387
modern *area* –495 2
Corinthians (N.T.) *see* Pauline epistles
Cork Ireland *area* –419 5
Cork
products
agriculture
economics 338.17+
technology
field crops 633.89
forest crops †634.972 1

Cork
products (continued)
manufacture
economics 338.47+
technology 674.9
see also spec. applications
technology *see* Cork products
trees
culture 635.977+
forestry †634.972 1
see also Fagales
Corkboard
manufacture
economics 338.47+
technology 674.9
see also Insulating materials
Corkwood *see* Leitmeriales
Cormorants
conservation 639.97+
culture 636.6
hunting
industries 639.12+
sports 799.248+
see also Pelecaniformes
Corn
agriculture
economics 338.17+
technology
forage crops 633.25+
garden crops 635.67
grain crops 633.15
flour *see* Corn food
fodder
gen. wks. 636.086
see also spec. animals
food
cookery 641.6
gen. wks. 641.3
preservation
commercial 664.8
home 641.4
processing
economics 338.47+
technology 664.725
see also spec. products
sirup *see* Sugars
see also Panicoideae
Cornaceae *see* Umbelliflorae
Cornea
anatomy *see* Fibrous tunics
diseases *see* Corneal disorders
physiology *see* Fibrous tunics
Corneal
disorders
animals
vet. sci. 636.089+
zoology 591.2
see also spec. animals
man 617.719
transplantation *see* Corneal disorders
Cornets
manufacture
economics 338.47+
technology 681.81+
music 788.1
Cornetts *see* Horns
Cornices
snow *see* Snow formations
Cornish *see* Celtic
Cornmeal *see* Corn food
Cornstarch *see* Polysaccharides
Cornwall Eng. *area* –423 7
Corona (animal) *see* Scyphozoa
Corona (sun) *see* Solar astronomy
Coronagraphs
astronomy 522.563
manufacture
economics 338.47+
technology 681.2
see also spec. applications
Coronary
occlusion *see* Cardiac disorders
Coronations *see* Official ceremonies
Coronets *see* Jewelry
Corpora
quadrigemina *see* Brain
Corporal
punishment
ethics 179
see also Punishments
Corporate
agency performance *see* Trust services

Corporate (continued)
chain stores *see* Retail marketing
Corporation
ownership
land *see* Private land
taxes *see* Taxation
Corporations
economics 338.74
government
gen. wks. 350.009
see also spec. levels of govt.
management 658.04+
see also *s.s.*–065
Corporative
state *see* Fascist states
Corps
military *see* Organizational units
Corpulence *see* Overweight people
Corpus
juris civilis *see* Roman law
Corpuscular
physics
electricity 537.14
gen. wks. 539
light 535.12
Correctional
institutions *see* Reformatories
Corrective
foods *see* Special-purpose cookery
measures *see* Reformative measures
Correlation
methods
geometry *see* Geometric transformations
Correspondence (letters) *see* Letters
Correspondence (reasoning) *see* Analogy
Correspondence
schools *see* Extension
Corrèze France *area* –446 7
Corrientes Argentina *area* –822
Corrodentia
paleozoology 565.73
zoology 595.732
Corrosion *see* Deterioration
Corrugated
paper
manufacture *see* Paperboard
products *see* Converted paper products
Corsages
customs 391
see also Floral arts
Corse *see* Corsica
Corsets *see* Garments
Corsiaceae *see* Burmanniales
Corsica
ancient *area* –379
modern *area* –459 5
Corson Co. S.D. *area* –†783 5
Cortex
brain *see* Brain
Corti
organ *see* Internal ear
Corticosterone *see* Endocrine drugs
Cortin *see* Endocrine drugs
Cortisone
drugs *see* Endocrine drugs
secretion *see* Adrenal glands
Cortland Co. N.Y. *area* –747 72
Coruh Turkey *area* –566 2
Corum Turkey *area* –†563
Coruña Spain *see* La Coruña
Corundum
abrasives *see* Abrasive materials
mineralogy 549.523
see also Precious stones
Corvidae
paleozoology 568.8
zoology 598.86
Coryell Co. Tex. *area* –764 515
Corylaceae *see* Fagales
Corylus *see* Filberts
Corynocarpaceae *see* Celastrales
Coryza *see* Respiratory diseases
Cosenza Italy *area* –457 85
Coshocton Co. O. *area* –771 65
Cosmetic
surgery *see* Plastic surgery

Cosmetics
chem. analysis
gen. wks. 543.4
organic 547.33+
manufacture
economics 338.47+
technology 668.55
marketing 658.809+
pub. health 614.354
use
customs 391.63
hygiene 613.4
technology 646.726
Cosmetology *see* Cosmetics
Cosmic
chemistry *see* Descriptive astronomy
rays *see* Ionizing radiation
Cosmogony
astronomy 523.12
philosophy 113
religion
gen. wks. 213
see also spec. rel.
Cosmoledo Isls. Indian Ocean *area* –694
Cosmology
astronomy 523.1
philosophy 113–119
religion
gen. wks. 213
see also spec. rel.
Cosmos (plant) *see* Asterales
Cosmos (universe) *see* Cosmology
Cost
accounting *see* Administrative accounting
control *see* Financial administration
of living
economics
gen. wks. 339.42
see also spec. elements
see also spec. applications
Costa Rica *area* –728 6
Costilla Co. Colo. *area* –788 35
Costmary
agriculture
economics 338.17+
technology 635.7
Costmary (continued)
food 641.35+
marketing 658.809+
processing *see spec. products*
see also Asterales
Costs
economics
price determination 338.522–.526
production 338.013
see also spec. products
see also other spec. subj.
Costume
art †746.9
customs
gen. wks. 391
military
gen. wks. 355.14
see also spec. services
jewelry *see* Jewelry
see also Personal appearance
Côte-d'Or France *area* –444 2
Côtes-du-Nord France *area* –441 2
Cotillions *see* Dancing
Cotopaxi Ecuador *area* –866 1
Cottage
industries
economics
gen. wks. 338.47+
system 338.63
management †658.022
technology *see spec. industries*
Cottages *see* Residential buildings
Cottbus Germany *area* –431 5
Cotter
pins *see* Fastenings
Cotters *see* Fastenings
Cottle Co. Tex. *area* –764 75
Cotton Co. Okla. *area* –766 49
Cotton
derivatives *see* Polysaccharides
plants
agriculture
economics 338.17+
technology 633.51
see also Malvales

Cotton (continued)
textiles
dyeing & printing
home econ. 640
technology 667.3
manufacture
economics 338.47+
technology 677.21
marketing 658.809+
materials
construction 691.9
engineering 620.197
see also spec. applications
Cotton-derived
compounds
chem. eng.
economics 338.47+
technology †661.802
chemistry 547.782
marketing 658.809+
see also spec. applications
Cottonwood Co. Minn. *area* –776 28
Cottonwood
trees
culture 635.977+
forestry 634.973+
see also Salicales
Cotylosauria *see* Anapsida
Couches *see* Furniture
Couching *see* Embroidery
Cougars *see* Cats
Cough
remedies *sce* Respiratory drugs
Coulometers *see* Current measurements
Councils
legislative *see* Legislative bodies
organizations *see* Organizations
Councils of state *see* Cabinets (government agencies)
Counseling
education
gen. wks. 371.4
see also spec. levels of ed.
mil. service *see* Special services
Counseling (continued)
personnel management
government
gen. wks. 350.162 5
see also spec. levels of govt.
ind. relations 658.315 1
services 658.385
psychology *see* Clinical psychology
religion
Christian 253.5
gen. wks. 291.7
see also other spec. rel.
welfare services
family †362.82
gen. wks. 361.3
see also Child guidance clinics
Counter
displays
advertising *see* Display advertising
games
customs 394.3
ethics 175.5
gen. wks. 795.3
Counterattacks
games *see* spec. games
mil. sci. *see* Battle tactics
Counterespionage *see* Espionage
Counterfeiting *see* Forgeries
Counterglow
astronomy 523.59
meteorology †551.566
Counterintelligence *see* Espionage
Counterirritants *see* External medicinals
Countermining *see* Defense operations
Counterpoint *see* Composition
Counterpoised
bridges *see* Movable bridges
Counter-Reformation *see* Reformation
Counters (particle detection) *see* Particle detectors
Counters (tokens) *see* Tokens (metallic)

Countesses *see* Aristocracy
Counting-out
games *see* Child play
rhymes *see* Rhymes
Country
club
areas *see* Hotel areas
houses *see* Public accommodations
day schools *see* Secondary schools
fairs *see* Fairs
Countryseats *see* Residential buildings
Counts *see* Aristocracy
County
buildings *see* Government buildings
fairs *see* Fairs
governments *see* Local governments
libraries *see* Public libraries
planning *see* Planning
Coupling
chemistry *see* Diazotization
Couplings (mechanical)
engineering
economics 338.47+
technology
gen. wks. 621.825
see also spec. branches
see also spec. applications
Coupon
advertisements *see* Serial advertising
Courage
ethics 179.6
religion
Christian 241.4
see also other spec. rel.
Courland USSR *area* –474 3
Courlans *see* Cranes (birds)
Court
bonds *see* Surety bonds
reports *see* Cases
tennis *see* Racket games
Courtesy
ethics 177.1
etiquette 395
Courthouses *see* Government buildings
Courting *see* Courtship
Courts
law
internal 347.97–.99
international 341.63
mil. sci. 355.133 2
Courtship
customs 392.4
ethics 177.6
etiquette 395.22
sociology †301.414
see also Life cycle
Courts-martial *see* Courts
Courtyard
furniture *see* Outdoor furniture
Cousins
children *see* Children
gen. wks. *see* Kinship
Couvade *see* Birth rites
Covariants *see* Invariants
Covellite
mineralogy 549.32
see also Copper geology
Covenants *see* Creeds
Cover
crops
cultivation methods
gen. wks. 631.582
see also spec. crops
erosion control 631.452
see also Ground cover
Covered
girder bridges *see* Girder bridges
Covered-seed
plants *see* Flowering plants
Covering
floors *see* Floor covering
Coverlets *see* Bedspreads
Covetousness *see* Evils
Covington (city) Va. *area* –755 81
Covington Co.
Ala. *area* –761 27
Miss. *area* –762 545
Cowardice
ethics 179.6
religion
Christian 241.3
see also other spec. rel.

Cowboy
games *see* Animal performances
songs *see* Folk songs
Coweta Co. Ga. *area* –758 423
Cowfish *see* Odontocetes
Cowley Co. Kan. *area* –781 89
Cowlitz
Co. Wash. *area* –797 88
River Wash.
gen. wks. *area* –797 82
see also other areas
Cowpeas
agriculture
economics 338.17+
technology 633.33
fodder
gen. wks. 636.086
see also spec. animals
see also Leguminosae
Cowpox *see* Eruptive fevers
Cowries *see* Gastropoda
Cows *see spec. animals*
Cowslips *see* Ranales
Coyotes
culture 639.97+
see also Canidae
Crab
apples *see* Apples
Crabgrass
agricultural pests 632.58
see also Panicoideae
Crabs
fisheries
economics 338.372+
technology 639.54+
food *see* Seafood
see also Brachyura
Crackers *see* Bakery products
Cracking
processes
analysis *see* Pyrolysis
synthesis *see* Synthesis
Cradle
songs *see* Folk songs
Crafts
arts 745
industry 680
mil. recreation *see* Special services
see also spec. crafts
Craftsmen
economics
labor 331.794
production 338.1–.4
see also spec. subj.
Craig Co.
Okla. *area* –766 98
Va. *area* –755 795
Craighead Co. Ark. *area* –767 98
Crampons *see* Recreational equipment
Cranberries
agriculture
economics 338.17+
technology 634.76
food 641.34+
marketing 658.809+
processing *see spec. products*
see also Ericales
Crane Co. Tex. *area* –764 915
Crane
flies
agricultural pests 632.7+
culture 638.57+
see also Orthorrhapha
Cranes (birds)
culture 636.6
hunting
industries 639.12+
sports 799.248+
see also Gruiformes
Cranes (mechanical)
engineering
economics 338.47+
technology
gen. wks. 621.873
see also spec. branches
see also spec. applications
Cranial
nerves
anatomy *see* Neuroanatomy
diseases *see* Neurological diseases
physiology *see* Neurophysiology
Craniata *see* Vertebrates
Craniology
anthropometry 573.7
phrenology 139
see also Cranium
Craniometry *see* Craniology

Craniotomy *see* Embryotomy
Cranium
anatomy
gen. wks. 596.04+
see also spec. animals
med. sci.
anatomy
animals
gen. wks. 636.089+
see also spec. animals
man 611.715–.716
surgery
animals
gen. wks. 636.089+
see also spec. animals
man 617.471
see also Fractures
see also spec. disorders
Crape myrtle *see* Lythrales
Craps *see* Dice games
Crash
wounds *see* Injuries
Crassula *see* Saxifragales
Crassulaceae *see* Saxifragales
Crater Lake Nat. Park *area* –795 915
Craters of the Moon Nat. Monument *area* –796 32
Crates
wooden *see* Cooperage
Craven Co. N.C. *area* –756 19
Crawford Co.
Ark. *area* –767 35
Ga. *area* –758 56
Ill. *area* –773 75
Ind. *area* –772 28
Ia. *area* –777 45
Kan. *area* –781 98
Mich. *area* –774 77
Mo. *area* –778 62
O. *area* –771 27
Pa. *area* –748 97
Wis. *area* –775 74
Crayfish
fisheries
economics 338.372+
technology 639.54+
food *see* Seafood
see also Macrura
Cream
food *see* Dairy products
Cream of tartar *see* Leavening agents
Crease-resistant
fabrics
manufacture
economics 338.47+
technology 677.681
marketing 658.809+
see also spec. applications
Creation
of man
metaphysics 113.8
religion
gen. wks. 291.22
natural 213.5
see also spec. rel.
see also Cosmology
Creative
activities
children *see* Child play
arts
gen. wks. 700–800
study & teaching
elementary schools 372.5
see also *s.s.*–07
imagination *see* Imagination
Creativity *see* Imagination
Crèches *see* Day nurseries
Credit
administration
gen. wks. 350.72
see also spec. levels of govt.
bonds *see* Public securities
economics
gen. wks. 332.7
public 336.3
institutions *see* Financial institutions
instruments
economics 332.76–.77
see also spec. applications
insurance 368.87
management †658.88
money *see* Noncommodity money
unions *see* Financial institutions
Credo *see* Mass (religion)
Credos *see* Creeds
Cree *see* Algonkian-Mosan

Creeds
religion
dogmatics
Christian 238
gen. wks. 291.2
see also other spec. rel.
liturgy
Christian 264.5
gen. wks. 291.38
see also other spec. rel.
Creek Co. Okla. *area* –766 84
Creek (subject) *see* Hokan-Siouan
Creeks *see* Water bodies
Creels *see* Recreational equipment
Creep
mechanical *see* Deformation
Creepers (birds) *see* Certhiidae
Creeping
plants *see* Vines
Cremation
public health meas.
animals
gen. wks. 636.089+
see also spec. animals
man 614.62
rites *see* Funeral rites
Crematories *see* Mortuary buildings
Cremona Italy *area* –452 7
Cremona
transformations *see* Geometric transformations
Crenshaw Co. Ala. *area* –761 36
Creodonta *see* Carnivora
Creole *see* Dialectology
Crepe
myrtle *see* Lythrales
rubber *see* Elastomers
Creping
paper *see* Papermaking
textiles *see* Textiles
Crepipoda
culture 639.4
paleozoology 564.19
zoology 594.19
Cresses
agriculture
economics †338.17+
Cresses
agriculture (continued)
technology †635.56
food †641.35+
marketing 658.809+
see also Cruciales
Crests
heraldic *see* Heraldic design
Cretaceous
period *see* Mesozoic era
Crete
ancient *area* –391 8
modern *area* –499 8
Cretinism
medicine *see* Endocrine disorders
psychology *see* Mental deficiency
Creuse France *area* –446 8
Crewelwork *see* Embroidery
Crews *see* Organizational units
Cribbage *see* Card games
Criblé
engraving *see* Metal engraving
engravings *see* Prints
Cribwork
engineering
foundations 624.157 2
mines 622.28
see also other spec. applications
see also Subaqueous foundations
Cricket
equipment *see* Recreational equipment
game *see* Bat games
Crickets *see* Grasshoppers
Crimea *area* –477 6
Crimes *see* Offenses
Criminal
abortion *see* Offenses
anthropology
gen. wks. 364.24
see also Abnormal psychology
anthropometry *see* Anthropometry

Criminal (continued)
law
internal **343**
international **341.4**
libel *see* Offenses
Criminals
criminology *see* Offenders
law *see* Criminal law
Criminology
gen. wks. **364**
see also Personality disorders
Crinoidea
culture †639.73+
paleozoology 563.91
zoology 593.91
Crippled
children *see* Exceptional children
people
med. treatment *see spec. diseases*
service institutions 362.43
see also Orthopedic surgery
Crisana Romania *area* –†498 4
Crisp Co. Ga. *area* –758 89
Critical
philosophy **142**
points *see* Phase changes
realism *see* Realism
Crittenden Co.
Ark. *area* –767 94
Ky. *area* –769 89
Croakers (fishes) *see* Kingfishes
Croatia Yugoslavia *area* –†497 2
Croatian *see* Serbo-Croatian
Crocheting *see* Chain-stitch fabrics
Crocidolite *see* Refractory materials
Crockery *see* Earthenware
Crockett Co.
Tenn. *area* –768 225
Tex. *area* –764 875
Crocodiles
culture †639.39+
hunting
industries 639.14+
sports 799.279+
see also Crocodilia
Crocodilia
paleozoology 568.14
zoology 598.14
Crocoite
mineralogy 549.752
see also Chromium geology
Crocuses *see* Iridales
Crohn's disease *see* Intestinal disorders
Cromarty Scotland *area* –411 6
Crook Co.
Ore. *area* –795 83
Wyo. *area* –787 13
Crookes
tubes *see* Electronic tubes
Crop
loans *see* Credit
production
economics **338.17**
technology **631.5**
see also spec. crops
rotation
cultivation method
gen. wks. 631.582
see also spec. crops
erosion control 631.452
Croquet
equipment *see* Recreational equipment
game *see* Mallet games
Crosby Co. Tex. *area* –764 848
Crosiers *see* Insignias
Cross Co. Ark. *area* –767 93
Cross *see* Ecclesiastical emblems
Crossbreeding *see* Genetics
Cross-country
running *see* Track athletics
Cross-examination *see* Judicial system
Crossopterygii
paleozoology 567.4
zoology **597.46**
Crossosomataceae *see* Dilleniales
Cross-stitch
work *see* Embroidery
Crossword
games *see* Puzzles
Crotalus
antitoxins *see* Serums
Crotons *see* Euphorbiales

Croup *see* Respiratory diseases
Crow Wing Co. Minn. *area* –776 71
Crowberries *see* Celastrales
Crowds *see* Behavior groups
Crowfoots *see* Ranales
Crowley Co. Colo. *area* –788 94
Crowns *see* Jewelry
Crows
agricultural pests 632.6+
see also Corvidae
Crozet Isls. Indian Ocean *area* –†699
Cruciales
botany 583.123
floriculture 635.933+
Cruciferae *see* Cruciales
Crucifix *see* Ecclesiastical emblems
Crucifixion
of Jesus Christ
gen. wks. 232.963
see also spec. aspects
Crude
gelatins *see* Gelatins
rubber *see* Elastomers
turpentines *see* Fixed oils
Cruelty
crime *see* Offenses
ethics 179.2–.3
religion
Christian 241.3
see also other spec. rel.
Cruisers *see* Warships
Cruising *see* Boating
Crusades
church history
gen. wks. 270.4–.5
spec. places **274–275**
history
gen. wks. 909.07
see also spec. places
Crushers
agriculture
gen. wks. 631.314
see also Tillage
manufacture
economics 338.47+
technology 681.7
see also Milling-machinery
Crushing
chem. tech. *see* Unit operations
Crushing (continued)
ores *see* Ore dressing
Crushing-machinery *see* Milling-machinery
Crustacea
culture **639.5**
paleozoology **565.3**
zoology **595.3**
Crustaceans
fisheries
economics **338.372+**
technology **639.5**
see also Crustacea
Crutches *see* Orthopedic footwear
Cryogenic
effects *see* Temperature effects
techniques
food *see* Food preservation
Cryogenics
chemistry
gen. wks. 541.368 6
organic 547.1+
technical 660.29+
engineering
economics **338.47+**
technology
gen. wks. **621.56–.59**
see also spec. branches
physics 536.56
see also spec. applications
Cryolite
mineralogy 549.4
synthetic *see* Synthetic minerals
see also Halogen geology
Cryoscopy
solutions *see* Colligative properties
Cryotherapy *see* Thermotherapies
Cryptanalysis *see* Cryptography
Crypteroniaceae *see* Lythrales
Cryptobranchoidea *see* Urodela
Cryptodira *see* Chelonia
Cryptogamia
botany **586**

Cryptogamia (continued)
floriculture **635.936**
paleobotany 561.6
see also spec. plants
Cryptogams *see* Cryptogamia
Cryptography
bus. tech. 652.8
military *see* Communication systems
Cryptomonadina *see* Plasmodroma
Cryptostomata *see* Gymnolaemata
Crystal
conduction counters *see* Particle detectors
gazing *see* Divination
valves *see* Semiconductor valves
ware
production *see* Glass
table decor *see* Table decor
Crystalline
lens *see* Eyeball
limestones *see* Marble
Crystallization
chem. tech. *see* Unit operations
crystallography *see* Crystallography
Crystallographic
mineralogy *see* Crystallography
Crystallography
gen. wks. **548**
mineralogy 549.18
see also spec. applications
Ctenophorae
culture †639.73+
paleozoology 563.8
zoology 593.8
Ctenostoma *see* Gymnolaemata
Cuba *area* –729 1
Cuban
itch *see* Eruptive fevers
Cube
roots *see* Evolution
Cubes
art *see* Composition
Cubes (continued)
mathematics
algebra *see* Involution
geometry *see* Solid geometry
Cuckoos
culture 636.6
hunting
industries 639.12+
sports 799.248+
see also Cuculiformes
Cucujoidea *see* Polyphaga
Cuculi *see* Cuculiformes
Cuculiformes
paleozoology 568.7
zoology 598.74
Cucumbers
agriculture
economics 338.17+
technology **635.63**
food 641.35+
marketing 658.809+
processing *see spec. products*
see also Cucurbitales
Cucumis
melo *see* Muskmelons
sativus *see* Cucumbers
Cucurbita
agriculture
economics 338.17+
technology 635.62
fodder
gen. wks. 636.087 5
see also spec. animals
food 641.35+
marketing 658.809+
processing *see spec. products*
see also Cucurbitales
Cucurbitaceae *see* Cucurbitales
Cucurbitales
botany 583.46
floriculture 635.933+
Cuenca Spain *area* –464 7
Cues
billiards *see* Recreational equipment
Cuffs *see* Dress accessories
Cuirasses *see* Armor

Cuitlatec *see* Miskito-Matagalpan
Culberson Co. Tex. *area* –764 94
Culinary
arts *see* Cookery
Cullman Co. Ala. *area* –761 73
Culpeper Co. Va. *area* –755 39
Cultivation
equipment
agriculture
gen. wks. **631.3**
see also spec. crops
manufacture
economics 338.47+
technology 681.7
techniques
gen. wks. **631.54**
see also spec. crops
Cultivators *see* Cultivation equipment
Cultural
anthropology *see* Culture
areas
geography *see spec. areas*
landscaping 712.7
planning
civic art 711.57
sociology 301.34
objects
aerial attack *see* Air warfare
processes *see* Culture
Culture
anthropology **†390**
govt. control
gen. wks. †350.85
see also spec. levels of govt.
sociology **301.2**
see also Civilization
Culverts *see* Drainage structures
Cumacea
culture 639.5
paleozoology 565.38
zoology 595.381
Cumberland (lake) Ky.
gen. wks. *area* –769 63
see also other areas
Cumberland
Co.
Eng. *area* –428 5
Ill. *area* –773 73
Ky. *area* –769 68
Me. *area* –741 9
N.J. *area* –749 94
N.C. *area* –756 37
N.S. *area* –716 11
Pa. *area* –748 43
Tenn. *area* –768 75
Va. *area* –755 615
Gap
gen. wks. *area* **–768 5**
see also other areas
Mts.
gen. wks. *area* **–769 154**
Tenn. *area* –768 94
River
gen. wks. *area* **–768 5**
see also other areas
Cuming Co. Neb. *area* –782 23
Cundinamarca Colombia *area* –861 4
Cuneo Italy *area* –451 3
Cunoniaceae *see* Cunoniales
Cunoniales
botany 583.397
floriculture 635.933+
Cup
fungi *see* Ascomycetes
Cupboards *see* Furniture
Cupoidea *see* Adephaga
Cupping *see* Historic remedies
Cuprammonium
compounds *see* Copper compounds
textiles *see* Cellulosics
Cupressaceae *see* Coniferales
Cupric *see* Copper compounds
Cuprite
mineralogy 549.522
see also Copper geology
Cuprous *see* Copper compounds
Cuprum *see* Copper
Cups *see* Tableware
Curaçao West Indies *area* –729 86
Curassows
conservation 639.97+
culture 636.5
food *see* Poultry

Curassows (continued)
hunting
industries 636.12+
sports 799.248+
see also Galli
Curates *see* Clergy
Curb
exchanges *see* Investment institutions
Curbs (pavements) *see* Auxiliary pavements
Curculionoidea
paleozoology 565.76
zoology 595.768
Cures
gen. wks. *see* Medical sciences
miraculous *see* Miracles
Curia
Romana *see* Papacy
Curicó Chile *area* –833
Curing
food *see* Food preservation
Curium *see* Rare-earths
Curlews
culture 636.6
hunting
industries 639.12+
sports 799.248+
see also Charadriiformes
Curling (sport)
activity *see* Ice sports
equipment *see* Recreational equipment
Curling
hair *see* Hairdressing
Curly
grasses *see* Filicales
Currants
agriculture
economics 338.17+
technology 634.721
food 641.34+
marketing 658.809+
processing *see spec. products*
see also Cunoniales
Currency
notes *see* Paper money
papers *see* Paper products
Current
measurements
electricity
engineering 621.374 4
physics 537.6
mechanics *see* Hydrodynamics
see also Meters
tables
navigation 623.894 9
oceanography 551.470 1
transformers *see* Transformers
Currents
oceanic *see* Marine waters
Curriculums
gen. wks. 375
see also spec. levels of ed.
Currituck Co. N.C. *area* –756 13
Curry Co.
N.M. *area* –789 27
Ore. *area* –795 21
Curses
folklore *see* Superstitions
Cursing *see* Profanity
Cursores *see* Palaeognathae
Cursoria *see* Blattariae
Curtains
interior decoration
art 747.5
home economics 645.3
manufacture
economics 338.47+
technology 684.3
Curvatures
geology *see* Dislocations
Cushions *see* Furniture
Cushitic
ethnic groups *area* –174+
languages 493.5
lingual groups *area* –175+
see also other spec. subj.
Custard
apples *see* Anonaceous fruits
Custer Co.
Colo. *area* –788 52
Ida. *area* –796 72
Mont. *area* –786 33
Neb. *area* –782 47
Okla. *area* –766 17
S.D. *area* –783 95

Custodial
accounting *see* Financial administration
Customhouses *see* Government buildings
Customs (conventions)
military
gen. wks. **355.12**
see also spec. services
social *see* Social customs
Customs (taxes)
economics 336.26
gen. wks. †382
govt. control
gen. wks. †350.827
see also spec. levels of govt.
Cut
flowers
arrangement †745.92
culture
gen. wks. 635.966
see also spec. plants
stock *see* Sawmill products
Cutaneous
leishmaniasis *see* Protozoan infections
perceptions
animals †156.2+
gen. wks. †152.182
Cutch India *area* –†547 5
Cutleriales *see* Phaeophyta
Cutlery
manufacture
economics 338.47+
technology 683.82
table decor *see* Table decor
Cutouts *see* Control devices
Cutters
revenue *see* Government vessels
sailing ships *see* Sailing craft
Cutting
hair
men *see* Barbering
women *see* Hairdressing
metals
arts 739.14
technology
gen. wks. 671.53
see also spec. metals
Cutting-machinery
engineering
economics 338.47+
technology
gen. wks. 621.93
see also spec. branches
see also spec. applications
Cuttings
plants *see* Slipping plants
Cuttlefish *see* Octopoda
Cutwork *see* Embroidery
Cutworms
agricultural pests 632.7+
culture 638.57+
see also Frenatae
Cuyahoga Co. O. *area* –771 31
Cuzco Peru *area* –853
Cyanamide
fertilizers
agriculture
gen. wks. 631.841
see also spec. crops
manufacture
economics 338.47+
technology 668.62+
marketing 658.809+
Cyanastraceae *see* Liliales
Cyanides *see* Nitrogen compounds
Cyanophyceae *see* Cyanophyta
Cyanophyta
botany 589.8
culture 635.939+
paleobotany 561.93
Cyanotype
process *see* Special-process photography
Cyatheaceae *see* Filicales
Cyatheas *see* Filicales
Cybernetics
gen. wks. †001.53
see also Communication
Cycadaceae *see* Cycadales
Cycadales
botany 585.9
floriculture 635.935+
paleobotany 561.591
Cycadeoidaceae *see* Cycadeoidales

Cycadeoidales
gen. wks. 561.592
see also s.s.–015+
Cycads *see* Cycadales
Cyclades Greece
ancient *area* –391 5
modern *area* –499
Cyclamens *see* Primulales
Cyclanthaceae *see* Cyclanthales
Cyclanthales
botany 584.62
floriculture 635.934+
Cycles (vehicles)
architecture 725.99
construction
economics **338.47+**
technology **629.227**
marketing 658.809+
see also Transportation services
Cyclic
compounds
chemistry **547.5–.6**
manufacture
economics 338.47+
technology 661.815–.816
pharmacology
gen. wks. 615.3+
veterinary 636.089+
see also spec. products
Cyclical
unemployment *see* Unemployment
Cycling
instruction 629.284+
recreation 796.6
Cyclogenesis *see* Cyclones
Cycloidal
engines *see* Engines
Cyclones
climatology †551.64+
meteorology 551.551 3
see also Storms
Cyclopedias *see* Encyclopedias
Cyclops *see* Copepoda
Cyclopteris
gen. wks. 561.597
see also s.s.–015+
Cycloramas *see* Composite representation
Cyclorrhapha
paleozoology 565.77
zoology 595.774
Cyclosilicates
mineralogy 549.64
see also spec. minerals
Cyclostomata (Anamnia)
paleozoology 567.2
zoology 597.2
Cyclostomata (Bryozoa) *see* Gymnolaemata
Cyclostomes *see* Cyclostomata
Cyclothymia *see* Psychoses
Cyclotrons *see* Particle acceleration
Cydonia *see* Quince
Cylinder
bridges *see* Tubular bridges
Cylinders
acoustic devices *see* Electroacoustical devices
engineering
economics 338.47+
technology
gen. wks. 621.437
see also spec. applications
geometry 513.3
see also Structural forms
Cymbals *see* Percussion instruments
Cynocrambaceae *see* Chenopodiales
Cynodon *see* Pooideae
Cynomorium *see* Santalales
Cyperaceae *see* Cyperales
Cyperales
botany 584.84
floriculture 635.934+
Cypress
trees
culture 635.977+
forestry 634.975 5
see also Coniferales
Cyprinodontes *see* Mesichthyes
Cyprinoidea *see* Ostariophysi
Cyprus
ancient *area* –393 7
modern *area* –564 5

Cyprus
fever *see* Zoogenous diseases
Cyrenaica
ancient *area* –397 5
modern *area* –614
Cyrilla *see* Celastrales
Cyrillaceae *see* Celastrales
Cystitis *see* Urinary disorders
Cystoidea *see* Echinodermata
Cytinaceae *see* Aristolochiales
Cytology
biology
animals 591.8
gen. wks. **574.87**
plants **581.87**
med. sci.
animals 636.089+
man 611.018 1
see also spec. organisms
Cytoplasm *see* Cytology
Czech
ethnic groups *area* –174+
language **491.86**
lingual groups *area* –175+
see also other spec. subj.
Czechoslovakia *area* **–437**

D

D & C
surgery *see* Gynecology
DDT
agricultural use
gen. wks. 632.954
see also spec. crops
manufacture *see* Pesticides
DEW *see* Alarm systems
D vitamin *see* Vitamins
Dachshunds *see* Hounds
Dacia *area* –398
Dacryocystitis *see* Lacrimal disorders
Dactylis
glomerata *see* Orchard grass
Daddy longlegs *see* Harvestmen
Dade Co.
Fla. *area* –759 38
Ga. *area* –758 34
Mo. *area* –778 745
Dadra & Nagar Haveli
India *area* –547 96
Daffodils *see* Amaryllidales
Dagestan ASSR *area* –479
Daggers *see* Side arms
Daggett Co. Utah *area* –792 15
Daguerreotype
process *see* Special-process photography
Dahana Arabia *area* –53
Dahlias *see* Asterales
Dahomey *area* –668
Dairy
animals
culture
gen. wks. †636.088 4
see also spec. animals
zoology **599**
cattle
husbandry
gen. wks. 636.21+
spec. breeds **636.22–.28**
see also Bovoidea
industry
economics **338.17+**
technology **637**
products
analysis
chemistry
gen. wks. 543.2
organic 547.33+
quality **637.127**
cookery **641.67**
gen. wks. **641.37**
marketing 658.809+
processing *see* Dairy industry
pub. health 614.32
Daisies *see* Asterales
Dakota Co.
Minn. *area* –776 56
Neb. *area* –782 224
Dale
Co. Ala. *area* –761 33
Hollow Res.
gen. wks. *area* –768 49
see also other areas
Dallam Co. Tex. *area* –764 812
Dallas Co.
Ala. *area* –761 45
Ark. *area* –767 67
Ia. *area* –777 57

Dallas Co. (continued)
Mo. *area* –778 81
Tex. *area* –764 28
Dalmatia Yugoslavia *area* –†497 2
Dalmatians (dogs) *see* Nonsporting dogs
Dalton
system
education *see* Individualized instruction
theory *see* Atoms
Damages
law *see* Torts
Damasks *see* Fancy-weave fabrics
Damping *see* Absorption
Dampproof
construction *see* Resistant construction
Dams
engineering
economics 338.47+
technology **627.8**
see also spec. applications
Damselflies *see* Dragonflies
Dance
halls *see* Recreation buildings
music
gen. wks. 781.55
see also spec. mediums
religion *see* Rhythmic arts
Dances *see* Dancing
Dancing
customs 394.3
ethics 175.3
performance **793.3**
recreational programs
military *see* Special services
student life
gen. wks. †371.893
see also spec. levels of ed.
see also Dance music
Dancing-games *see* Child play
Dandelions
agricultural pests 632.58
Dandelions (continued)
agriculture
economics †338.17+
technology **635.51**
food †641.35+
processing *see spec. products*
see also Asterales
Dandy
fever *see* Dengue fever
Dane Co. Wis. *area* –775 83
Daniel (O.T.)
gen. wks. **224.5**
see also Pseudepigrapha
Daniels Co. Mont. *area* –786 2
Danish *see* Germanic
Danube River
gen. wks. *area* –496
Germany *area* –434 8
see also other areas
Danville Va. *area* –755 66
Danzig *see* Gdansk
Dard *see* Prakrits
Dare Co. N.C. *area* –756 175
Darfur Sudan *area* –627
Darke Co. O. *area* –771 47
Darlington Co. S.C. *area* –757 66
Darned
lace *see* Openwork fabrics
Darning *see* Sewing (technique)
Darters *see* Cormorants
Darwinism *see* Organic evolution
Dassies *see* Hyracoideans
Data
processing
equipment *see* Computers
lib. sci. **025.3–.4**
office services **†651.8**
see also Documentation
treatment *see* Statistics
Date
trees
culture 635.977+
forestry 634.974+
see also Palmales
Dates (fruit)
agriculture
economics 338.17+
technology **634.62**

Dates (fruit) (continued)
food 641.34+
marketing 658.809+
processing *see spec. products*
see also Palmales
Datiscaceae *see* Cucurbitales
Daucus
carota *see* Carrots
Daughters
of the American Revolution *see* Hereditary societies
of the Confederacy *see* Hereditary societies
Dauphin Co. Pa. *area* –748 18
Dauphiné France *area* –449 6
Davenports *see* Furniture
Davidson Co.
N.C. *area* –756 68
Tenn. *area* –768 55
Davie Co. N.C. *area* –756 69
Daviess Co.
Ind. *area* –772 385
Ky. *area* –769 864
Mo. *area* –778 18
Davis
Co.
Ia. *area* –777 97
Utah *area* –792 27
Strait *see* Arctic Ocean
Davison Co. S.D. *area* –783 374
Dawes Co. Neb. *area* –782 93
Dawn *see* Twilight
Dawson Co.
Ga. *area* –758 26
Mont. *area* –786 24
Neb. *area* –782 46
Tex. *area* –764 854
Day Co. S.D. *area* –783 14
Day
lilies *see* Liliales
nurseries
management 658.91+
services 362.71
of Atonement *see* Holy days
schools *see* Secondary schools
Daydreams
analysis *see* Psychoanalysis
psychology †154.3
Daymarks
installation 627.924
navigation 623.894 4
see also spec. kinds
Dead
bodies
disposal *see* Disposal of dead
loads *see* Loads
reckoning *see* Navigation
Dead Sea
Scrolls
Biblical **221**
gen. wks. 091
Deadly
plants
agricultural pests 632.5
botany
gen. wks. 581.69
see also spec. plants
toxicology *see* Poisons
sin *see* Sins
Deaf Smith Co. Tex. *area* –764 835
Deaf
children *see* Exceptional children
people
med. treatment *see spec. diseases*
psychology 155.916
welfare institutions 362.42
Deaf-mute
children *see* Exceptional children
people *see* Deaf people
Deafness *see* Audiology
Dearborn Co. Ind. *area* –772 11
Death Valley Nat. Monument
gen. wks. *area* –794 87
see also other areas
Death
biology
gen. wks. 577.7
see also spec. causes
customs *see* Funeral rites
metaphysics 128.5
religion
Christian 236.1
gen. wks. 291.23
see also other spec. rel.

Death (continued)
reports 614.12–.14
statistics *see* Demography
taxes *see* Taxation
see also Life cycle
De Baca Co. N.M. *area* –789 44
Debarkation
maneuvers *see* Battle tactics
Debates *see* Speeches
Debenture
bonds *see* Securities
Debts
private *see* Credit
public *see* Public debts
Debuts *see* Puberty rites
Decalcomania
crafts
gen. wks. 745.74
interior decoration 747.3
Decalog *see* Ten Commandments
Decapoda (Crustacea)
culture **639.54**
paleozoology 565.38
zoology **595.384**
Decapoda (Mollusca)
culture 639.48+
paleozoology 564.58
zoology 594.58
Decatur Co.
Ga. *area* –758 99
Ind. *area* –772 16
Ia. *area* –777 875
Kan. *area* –781 14
Tenn. *area* –768 32
Deceleration
biophysics *see* Biophysics
motion *see* Kinematics
Deception
tactics *see* Camouflage
Deciduous
shrubs *see* Shrubs
trees *see* Trees
Decimal
fractions *see* Fractions
system *see* Numeration systems
Deciphering
codes *see* Cryptography
Decision
making
management *see* Administration
psychology †153.83
Deck
framing *see* Hull construction
Decoctions *see* Medicinal solutions
Decoding
ciphers *see* Cryptography
Decolorizing-carbons *see* Adsorbent carbons
Decoration
arts
gen. wks. 701.8
see also spec. art forms
table decor *see* Table decor
Decoration Day *see* Holidays
Decorative
arts *see* Minor arts
treatment
arts
ceramics 738.15
glassware 748.6
metalwork 739.15
see also other art forms
see also other spec. subj.
Decoy
construction *see* Camouflage
Decretals *see* Religious law
Decubitus *see* Skin disorders
Dedication (Feast of) *see* Holy days
Deductive
reasoning *see* Reasoning
Deep-freezing
food *see* Food preservation
Deep-sea
fishing *see* Salt-water fishing
Deer Lodge Co. Mont. *area* –786 87
Deer
conservation 639.97+
culture 636.294
disease carriers *see* Disease carriers
hunting
industries 639.11+
sports 799.277+
see also Cervoidea

Defamation *see* Offenses
Defecation *see* Excretion
Defective
vision
optometry 617.755–.759
physiology 612.843–.844
see also Ocular disorders
Defense
control
govt. control
gen. wks. 350.895
see also spec. levels of govt.
departments *see* Executive departments
engineering *see* Military engineering
operations
mil. eng. **623.3**
mil. sci.
gen. wks. **355–359**
see also hist. of spec. wars
Defensive
tactics *see* Battle tactics
Deferred
consumption
economics
gen. wks. 339.43
see also spec. elements
see also spec. applications
payment plans *see* Credit
Defiance Co. O. *area* –771 14
Deficiency
diseases *see* Nutritional diseases
Definite
integrals
calculus 517.32
see also *s.s.*–015+
Deflagratory
explosives *see* Explosives
Deflections *see* Bending
Deformation
crystallography 548.842
engineering
materials **620.112 3**
structures **624.171**
see also spec. kinds
physics
gases †533.28
Deformation
physics (continued)
liquids 532.58
solids **531.38**
rocks *see* Structural geology
Deformed
children *see* Exceptional children
Deformities *see* Teratology
Defrauders *see* Offenders
Defrauding
crime *see* Offenses
occultism 133.7
psychopathic *see* Personality disorders
Degenerative
heart diseases *see* Cardiac disorders
Degradation
soil *see* Soil erosion
Degrees
academic *see* Academic degrees
Dehumidification
air conditioning *see* Air conditioning
chem. tech. *see* Unit operations
Dehydrating
food *see* Food preservation
Dehydrocorticosterone *see* Endocrine drugs
Dehydrogenases *see* Enzymes
Dehydrogenation *see* Oxidation
Deism
philosophy **110**
religion
gen. wks. 211.5
see also spec. rel.
Deities
comparative rel. 291.211
see also spec. rel.
Deity *see* God
De Kalb Co.
Ala. *area* –761 66
Ga. *area* –758 225
Ill. *area* –773 28
Ind. *area* –772 77
Mo. *area* –778 15
Tenn. *area* –768 53
Delaware (state) *area* –751

Delaware
  Co.
    Ind. *area* –772 65
    Ia. *area* –777 385
    N.Y. *area* –747 36
    O. *area* –771 535
    Okla. *area* –766 91
    Pa. *area* –748 14
  River
    gen. wks. ***area* –749**
    see also other areas
  Water Gap
    gen. wks. *area* –748 25
    see also other areas
Delaware (subject) *see* Algonkian-Mosan
Delhi India *area* –545 6
Delinquent
  children *see* Exceptional children
Delinquents *see* Offenders
Delivery (childbirth) *see* Parturition
Delivery
  trucks *see* Motor vehicles
Delmarva Peninsula *area* –752 1
Del Norte Co. Calif. *area* –794 11
Delphiniums *see* Ranales
Delta Amacuro Venezuela *area* –876
Delta Co.
  Colo. *area* –788 18
  Mich. *area* –774 94
  Tex. *area* –764 273
Demand
  meters *see* Energy measurements
  notes *see* Credit instruments
Dementia
  praecox *see* Psychoses
Dementias *see* Psychoses
Demilitarization *see* Armament limitation
Demobilization
  mil. sci.
    gen. wks. 355.29
    see also spec. services
  see also hist. of spec. wars
Democracy
  pure *see* Pure democracy
Democracy (continued)
  representative *see* Representative democracy
  social *see* Socialistic states
Democratic
  Party *see* Political parties
Demodulation
  electronics *see* Circuitry
Demography
  sociology **301.32**
  statistics **312**
Demolition (operations)
  forces
    gen. wks. 358.23
    see also spec. kinds of warfare
  mil. **eng.** **623.2**
Demolition
  blocks *see* Demolition charges
  bombs *see* Ammunition
  charges
    manufacture
      economics 338.47+
      technology 623.454 5
    mil. sci.
      gen. wks. 355.82
      see also spec. mil. forces
Demonology
  folklore *see* Supernatural beings
  occultism **133.42**
  religion
    Christian **235.4**
    gen. wks. 291.216
    see also other spec. rel.
Demons *see* Demonology
Demonstration
  methods *see* Laboratory methods
Demonstrations
  advertising *see* Display advertising
  sales promotion *see* Sales promotion
Demulcents *see* Gastroenteric drugs
Denationalization
  economics
    gen. wks. **338.9**

Denationalization
  economics (continued)
    land 333.16
  govt. control
    gen. wks. **350.8**
    see also spec. levels of govt.
Denbigh Wales *area* –429 3
Dendrochirota *see* Holothurioidea
Dendrology *see* Trees
Dene *see* Na-Dene
Dengue
  fever
    medicine **616.921**
    pediatrics **618.929+**
    pub. health 614.5
Denial *see* Skepticism
Denizli Turkey *area* –562
Denmark ***area* –489**
Denominational
  libraries *see* Religious organizations
  schools *see* Church-supported schools
  societies *see* Religious organizations
Denominations
  Christian religion **280**
  gen. wks. 291.9
  see also other spec. rel.
Dens (rooms) *see* Rooms
Density
  crystallography 548.845
  mechanics
    gases 533.15
    liquids 532.4
    solids 531.54
  mineralogy 549.121
  see also spec. materials
Density-pumps *see* Pumps
Dent Co. Mo. *area* –778 86
Dental
  anatomy *see* Teeth
  insurance *see* Health insurance
  jurisprudence *see* Forensic medicine
  services
    gen. wks. *see* Dentistry
    mil. sci. *see* Special services
Dentistry
  economics **338.47+**
  technology
    animals
      gen. wks. **636.089+**
      see also spec. animals
    man **617.6**
Denton Co. Tex. *area* –764 555
D'Entrecasteaux Isls. *area* –953
Denudation
  soils *see* Soil erosion
Denumerative
  geometry 513.6
  see also *s.s.*–015+
Denver Co. Colo. ***area* –788 83**
Deodorants
  cosmetics *see* Cosmetics
  medicinals *see* External medicinals
Deontology *see* Ethics
Department
  stores
    gen. wks. *see* Commercial buildings
    marketing *see* Retail marketing
Dependencies *see* Dependent states
Dependent
  states
    geography 910.091+
    history 909.09+
    pol. sci. †321.08
    subj. treatment *area* –171 9
    see also spec. states
Depersonalization *see* Hysterias
Depilatories
  cosmetics *see* Cosmetics
  medicinals *see* External medicinals
Deposit
  banks *see* Financial institutions
  insurance *see* Bank deposits
  transfer instruments *see* Credit instruments
Deposition
  soils
    geology 551.303
    preventive meas. 627.122

Depots
military *see* Military buildings
Depreciation
accounting *see* Financial accounting
Depressants
pharmacodynamics
med. sci. 615.7
vet. sci.
gen. wks. 636.089+
see also spec. animals
see also Pharmacology
Depressions
economic *see* Business cycles
Deptford London *area* –421 6
Depth
bombs *see* Low-velocity projectiles
psychology
animals †156.4
gen. wks. †154
see also Psychoanalysis
Derbies *see spec. kinds of racing*
Derby Eng. *area* –425 1
Derived
citizenship *see* Naturalization
Dermaptera
paleozoology 565.72
zoology 595.721
Dermatitis *see* Skin disorders
Dermatology *see* Skin
Dermoptera
paleozoology 569.34
zoology 599.34
Derrick
cars *see* Trains
Derricks
engineering
economics 338.47+
technology
gen. wks. 621.872
see also spec. branches
see also spec. applications
Derry Ireland *see* Londonderry
Des Allemands (lake) La.
gen. wks. *area* –763 32
see also other areas
Deschutes
Co. Ore. *area* –795 87
River Ore.
gen. wks. *area* –795 6
see also other areas
Descriptive
anatomy *see* Anatomy
astronomy
earth 525
gen. wks. 523
botany *see* Botanical sciences
cataloging
library services 025.32
museum services 069.52
geography *see* Geography
geometry
gen. wks. 515
see also *s.s.*–015+
mineralogy 549.2–.7
zoology *see* Zoological sciences
Descylloidea *see* Polyphaga
Desert
plants *see* Xerophytes
warfare *see* Battle tactics
Desertion *see* Offenses
Deserts
geography
gen. wks. 910.091+
physical †910.02+
history 909.09+
reclamation *see* Land reclamation
subj. treatment *area* –154
see also spec. areas
Desfontaineaceae *see* Loganiales
Desha Co. Ark. *area* –767 85
Design
arts
gen. wks. 745.4
study & teaching
elementary ed. 372.52
see also *s.s.*–07
see also spec. art forms
see also Operations research
Designing
arts
gen. wks. 701.8
see also spec. art forms
see also Operations research

Desks *see* Furniture
Desmans *see* Insectivores
Desmarestiales *see* Phaeophyta
Des Moines
Co. Ia. *area* –777 96
River
gen. wks. *area* –777
see also other areas
Desmomonadales *see* Pyrrophyta
Desmospongiae *see* Porifera
Desmostyliformes *see* Sirenia
De Soto
Co.
Fla. *area* –759 59
Miss. *area* –762 87
Par. La. *area* –763 63
Desoxycorticosterone *see* Endocrine drugs
Des Plaines River
gen. wks. *area* –773 2
see also other areas
Despotic
states
pol. sci. †321.14
see also spec. areas
Desserts
cookery 641.86
food tech. *see spec. foods*
Destiny *see* Determinism
Destroyer
escorts *see* Warships
Destroyers (ships) *see* Warships
Destructive
distillation
chem. tech.
gen. wks. 660.284 4+
see also Pyrolysis
see also spec. products
Destructors *see* Demolition charges
Detachments
military *see* Organizational units
Detail
drawings
architecture †720.223
construction 692.2
Detail (continued)
finishing
construction
economics 338.47+
technology 698
Detection
electronics *see* Circuitry
Detention
homes *see* Prisons
houses *see* Prison buildings
Detergents
manufacture
economics 338.47+
technology 668.14
see also spec. applications
Deterioration
materials
construction 691
engineering
gen. wks. 620.112 2
see also spec. kinds
see also spec. products
Determinants
algebra
gen. wks. 512.83
see also *s.s.*–015+
personality *see* Personality
Determinative
mineralogy
gen. wks. 549.1
see also spec. applications
Determinism
metaphysics 123
religion *see* Predestination
Detonators
manufacture
economics 338.47+
technology
gen. wks. 662.4
military 623.454 2
mil. sci.
gen. wks. 355.82
see also spec. mil. forces
Detroit River
gen. wks. *area* –774 33
see also other areas
Deuel Co.
Neb. *area* –782 91
S.D. *area* –783 25
Deuterium *see* Hydrogen
Deuterium-oxide *see* Heavy water

Deuterocanonical works
Bible **229**
liturgy
gen. wks. 264.3–.4
spec. denominations **264.01–.09**
Deuteromycetes
botany 589.24
paleobotany 561.92
Deuteronomy (O.T.) *see* Pentateuch
Deux-Sèvres France *area* –446 2
Developmental
biology *see* Growth
psychology **†155.4–.7**
Devil
worship *see* Demonology
Devilfish *see* Octopoda
Devils Lake N.D.
gen. wks. *area* –784 36
see also other areas
Devils *see* Demonology
Devon Eng. *area* –423 5
Devonian
period *see* Paleozoic era
Devotional
theology
Christianity **240**
gen. wks. **291.4**
see also other spec. rel.
Dew *see* Physical transformations
Dewberries
agriculture
economics 338.17+
technology 634.717
food 641.34+
marketing 658.809+
processing *see spec. products*
see also Rosales
Dewey Co.
Okla. *area* –766 18
S.D. *area* –783 54
Dewey
shorthand
(1922) *see* Geometric joined vowel shorthand
(1936) *see* Script shorthand
De Witt Co.
Ill. *area* –773 585
Tex. *area* –764 259
Dextrans *see* Polysaccharides
Dextrose *see* Sugars
Dharma *see* Ethics
Dharmasastras
literature 891.2
religion 294.592 6
Dhows *see* Sailing craft
Diabetes
mellitus *see* Endocrine disorders
Diabetic
cookery *see* Special-purpose cookery
Diabolism *see* Demonology
Diadems *see* Jewelry
Diagnoses
medicine
gen. wks. **616.075**
vet. sci.
gen. wks. **636.089+**
see also spec. animals
see also other spec. subj.
Diagnostic
toxins *see* Serums
Dialectical
materialism *see* Materialism
Dialectology
gen. wks. †417.2
see also spec. languages
Dialects *see* Dialectology
Dialypetalae *see* Archichlamydeae
Dialysis *see* Diffusion analysis
Diamagnetism *see* Magnetic properties
Diamonds
industrial *see* Abrasive materials
mineralogy 549.27
synthetic *see* Synthetic minerals
see also Precious stones
Dianetics
gen. wks. 131.35
see also spec. applications
Dianthus *see* Caryophyllales
Diapensiaceae *see* Ericales
Diaphoretics *see* Secretory drugs
Diaphragm
anatomy *see* Respiratory organs

Diaphragm (continued)
diseases *see* Respiratory diseases
physiology *see* Respiration
Diaries
biography *see* Biographies
literature
gen. wks. 808.883
see also spec. lit.
see also Collected writings
Diarrhea
epidemic *see* Epidemic diarrhea
gen. wks. *see* Intestinal disorders
Diaspore
mineralogy †549.525
see also Refractory materials
Diastase *see* Enzymes
Diastrophism *see* Plutonic phenomena
Diathermy *see* Thermotherapies
Diatomaceous
earth
geology
gen. wks. 553.69
mineralogy 549.68
see also Sedimentary rocks
Diatomite *see* Diatomaceous earth
Diatoms *see* Bacillariophyceae
Diatrymiformes *see* Gruiformes
Diazines *see* Heterocyclic compounds
Diazotization
chem. tech.
gen. wks. 660.284 4+
see also spec. products
chemistry 547.25
Diazotype
process *see* Special-process photography
Dibranchia *see* Cephalopoda
Dice
games
customs 394.3
equipment *see* Recreational equipment
ethics 175.5
gen. wks. 795.1
Dichloro-diphenyl-trichloroethane *see* DDT
Dick
test
toxins *see* Serums
Dickens Co. Tex. *area* –764 74
Dickenson Co. Va. *area* –755 745
Dickey Co. N.D. *area* –784 54
Dickinson Co.
Ia. *area* –777 12
Kan. *area* –781 56
Mich. *area* –774 955
Dickson Co. Tenn. *area* –768 44
Dicksoniaceae *see* Filicales
Dicksonias *see* Filicales
Diclidantheraceae *see* Styracales
Dicotyledones
botany **583**
floriculture **635.933**
paleobotany 561.3
Dicotyledons
forestry **634.972–.973**
see also Dicotyledones
Dictating-machines *see* Electroacoustical devices
Dictatorships *see* Totalitarian states
Dictionary
catalogs
books **019**
see also *s.s.*–†021 6
Dictyosiphonales *see* Phaeophyta
Didactic
theology *see* Ethics
Didiereaceae *see* Sapindales
Didymium *see* Rare-earths
Dieffenbachias *see* Arales
Dielectric
furnaces *see* Electric furnaces
Dielectrics
physics **537.24**
see also Semiconductivity
Dienes *see* Aliphatic compounds
Die-pressing
machinery *see* Pressing-machinery

Diesel
engines
engineering
economics 338.47+
technology
gen. wks. 621.436
ships 623.872 3+
see also other spec. branches
see also spec. applications
fuels *see* Petroleum products
locomotives *see* Locomotives
Diet
cookery *see* Special-purpose cookery
Dietary
laws *see* Personal religion
Dietetic
salts *see* Food salts
Dietetics *see* Applied nutrition
Diethylstilbestrol *see* Endocrine drugs
Dietotherapy
animals
gen. wks. 636.089+
see also spec. animals
man 615.854
see also spec. diseases
Diets (food) *see* Applied nutrition
Diets (legislatures) *see* Legislative bodies
Differential
analyzers *see* Analog instruments
calculus
gen. wks. 517.2
see also *s.s.*–015+
equations
gen. wks. 517.38
see also *s.s.*–015+
geometry
gen. wks. 516.7
see also *s.s.*–015+
psychology †155
Differentials
motor vehicles *see* Chassis
Diffraction
methods *see* Spectroscopy
Diffraction (continued)
physics
light 535.4
sound waves 534.206
see also spec. applications
Diffusion
analysis
chemistry
gen. wks. 544.5
organic 547.34+
see also Transport phenomena
Diffusivity *see* Transport phenomena
Digambara *see* Jainism
Digby Co. N.S. *area* –716 32
Digenea *see* Trematoda
Digesta *see* Roman law
Digestants *see* Gastroenteric drugs
Digestion
biology
animals 591.13
gen. wks. 574.13
plants 581.132
see also spec. organisms
cells *see* Cytology
diseases *see* Digestive disorders
med. sci.
animals
gen. wks. 636.089+
see also spec. animals
man 612.31–.36
Digestive
disorders
animals
vet. sci. 636.089+
zoology 591.2
see also spec. animals
man
medicine 616.3
pediatrics 618.923+
surgery 617.43
organs *see* Digestive tract
system *see* Digestive tract
tract
anatomy
animals
vet. sci. 636.089+
zoology 591.43
see also spec. animals

Digestive
tract (continued)
gen. wks. 574.4
man 611.3
plants
gen. wks. 581.43
see also spec. plants
diseases *see* Digestive disorders
physiology *see* Digestion
Digests
of cases *see* Cases
of statutes *see* Statutes
Digital
machines
engineering †621.381 958
managerial use 658.505
mathematics 510.783
office equipment 651.26
see also *s.s.*–015+
Digitalis
agriculture
economics 338.17+
technology 633.88+
drug *see* Botanical drugs
see also Personales
Dikes (geology)
economic 553.16
structural 551.88
see also spec. ores
Dikes (structures) *see* Flood control
Dilation & curettage *see* Gynecology
Diligence *see* Virtues
Dill
agriculture
economics 338.17+
technology
field crops 633.82
garden crops 635.7
food 641.35+
marketing 658.809+
processing *see spec. products*
see also Umbelliflorae
Dilleniaceae *see* Dilleniales
Dilleniales
botany 583.112
floriculture 635.933+
Dillon Co. S.C. *area* –757 85
Dimension
measurement *see* Metrology
stock *see* Sawmill products
Diminishing returns
law
investments 332.6
production 338.016
Dimmit Co. Tex. *area* –764 455
Dimouts *see* Camouflage
Diners
railroads *see* Trains
Dinghies *see* Hand-propelled craft
Dining
places *see* Public accommodations
rooms *see* Rooms
service *see* Meals
Dining-car
cookery *see* Quantity cookery
Dinners *see* Meals
Dinocerata
gen. wks. 569.6
see also *s.s.*–015+
Dinococcales *see* Pyrrophyta
Dinoflagellata (animals) *see* Plasmodroma
Dinoflagellata (plants) *see* Pyrrophyta
Dinoflagellates (animals) *see* Plasmodroma
Dinoflagellates (plants) *see* Pyrrophyta
Dinophysiales *see* Pyrrophyta
Dinornithiformes *see* Palaeognathae
Dinosaur Nat. Monument
gen. wks. *area* –788 12
see also other areas
Dinosauria *see* Archosauria
Dinosaurs *see* Archosauria
Dinotrichales *see* Pyrrophyta
Dinwiddie Co. Va. *area* –755 58
Diocesan
schools *see* Church-supported schools
Dioceses *see* Episcopal system
Diodes *see* Electronic tubes
Diolefins *see* Aliphatic compounds

Diophantine
equations *see* Equations
Dioptrics *see* Refraction
Dioramas *see* Composite representation
Diorites *see* Plutonic rocks
Dioscorea *see* Yams
Dioscoreaceae *see* Dioscoreales
Dioscoreales
botany 584.27
floriculture 635.934+
Diphtheria
antitoxins *see* Serums
disease *see* Bacillary intoxications
toxoids *see* Serums
Diplasiocoela *see* Anura
Diplomacy
administration 350.892
law 341.7
pol. sci. 327.2
Diplomatic
conduct *see* Diplomacy
immunity *see* Political immunity
service *see* Diplomacy
Diplomatics *see* Paleography
Diplopia *see* Ocular neuromuscular disorders
Diplopoda
paleozoology 565.6+
zoology 595.61
Dipnoi
paleozoology 567.4
zoology 597.48
Dipole moments
chemistry
gen. wks. 541.377
organic 547.1+
physics 537.243
see also Semiconductivity
Dippers (birds) *see* Cinclidae
Dipping
livestock *see* Grooming livestock
surfaces *see* Surface finishing
Dips (geology)
gen. wks. 551.85
see also spec. ores
Dipsacaceae *see* Valerianales
Dipsomania *see* Addictions
Diptera
paleozoology 565.77
zoology 595.77
Dipterocarpaceae *see* Theales
Diptychs *see* Easel paintings
Direct
lighting *see* Illumination
selling *see* Salesmanship
taxes *see* Taxation
Direct-current
machinery
engineering
economics 338.47+
technology 621.313 2
manufacture
economics 338.47+
technology 681.7
see also spec. applications
motors
generators *see* Direct-current machinery
prime movers 621.4
transmission
engineering
economics 338.47+
technology 621.319 12
Direct-fluid-pressure
displacement pumps *see* Pumps
Direction
finders
engineering
economics 338.47+
technology
radar 621.384 89
radio 621.384 191
navigation
aircraft 629.132 51
ships 623.893
finding *see* Navigation
Directional
antennas *see* Antennas
Directionality *see* Sound (acoustics)
Direct-mail
advertising
economics 338.47+
technology 659.133
marketing *see* Retail marketing
Dirigibles *see* Lighter-than-air aircraft

Dirks *see* Side arms
Dirt
roads *see* Trafficways
Disability
insurance
govt. sponsored 368.41
voluntary 368.386
see also Financial institutions
pensions *see* Pension systems
Disabled
American Veterans *see* Military societies
children *see* Exceptional children
people
labor economics 331.59
med. treatment *see spec. diseases*
service institutions 362.4
veterans
benefits *see* Postmilitary benefits
gen. wks. *see* Disabled people
Disaccharides *see* Sugars
Disarmament *see* Armament limitation
Disaster
insurance *see* Allied fire insurance lines
nursing *see* Nursing
relief *see* Disasters
Disasters
history †904
psych. effects †155.935
relief
administration
government
gen. wks. 350.754
see also spec. levels of govt.
private 658.91+
police planning 363.34
services 361.5
technology
gen. wks. 614.8
mining 622.8
Disbursements *see* Financial administration
Disciples
of Christ
churches
religion 286.6
see also Church buildings
Discipline
employee *see* Employment conditions
military *see* Law
schools *see* School discipline
Discography *see* Catalogs
Discomycetes *see* Ascomycetes
Discount
calculations *see* Business arithmetic
rates
economics 332.84
see also spec. applications
stores *see* Retail marketing
Discriminants
algebra 512.85
see also *s.s.*–015+
Discrimination
racial *see* Discriminatory practices
Discrimination-studies
psychology *see* Quantitative psychology
Discriminatory
practices
education
gen. wks. 370.193 4
see also spec. levels of ed.
labor economics 331.113
sociology 301.45
Discs (acoustic devices) *see* Electroacoustical devices
Discus
throwing *see* Track athletics
Discussion
methods
teaching
gen. wks. 371.37
see also spec. levels of ed.
Discussions *see* Speeches

Disease
carriers
control measures
animals
gen. wks. 636.089+
see also spec. animals
man 614.43
see also spec. diseases
incidence *see* Morbidity
prevention *see* Preventive medicine
Diseases *see* Pathology
Dishes *see* Tableware
Dishonesty
insurance *see* Fidelity bonds
Dishwashers
manufacture *see* Household appliances
plumbing 696.184
Dishwashing
economics 338.47+
technology 648.56
Disincarnation
metaphysics 129.4
religion
gen. wks. 291.23
see also spec. rel.
Disinfectants
external *see* External medicinals
Disinfection
disease control
animals
gen. wks. 636.089+
see also spec. animals
man 614.48
see also spec. diseases
Disk
rollers *see* Rollers (agricultural tools)
Dislocations
geology
gen. wks. 551.87
see also spec. ores
injuries *see* Injuries
Dismal Swamp
gen. wks. *area* –755 52
N.C. *area* –756 135
Disorderly
conduct *see* Offenses
Dispatching
trains *see* Railroading
Dispensaries *see* Medical centers
Dispensatories
animals
gen. wks. 636.089+
see also spec. animals
man 615.12
Dispensing-machines *see* Open-loop systems
Displaced
persons
emigration 325.21
welfare services 361.53
see also Minority groups
Display
advertising
economics 338.47+
technology 659.15
Displays
sales promotion *see* Sales promotion
Disposal
of dead
customs *see* Funeral rites
pub. health
animals
gen. wks. 636.089+
see also spec. animals
man 614.6
sanitation
engineering 628.44
pub. health 614.76
Disruptive discharge *see* Electric arc
Dissociative
reactions *see* Hysterias
Dissonance
music
gen. wks. 781.22
see also spec. mediums
physics 534.352
Distance
finders
nautical *see* Nautical equipment
Distant
early warning systems *see* Alarm systems

Distillation
columns *see* Process equipment
Distilled
liquors *see* Spirits (alcoholic)
Distomatosis *see* Trematoda infestations
Distribution
algebra *see* Combinatory algebra
channels
commerce †380.1
marketing 658.84
cooperatives
economics 334.5
technology *see* Marketing
of capital goods *see* Wealth
of consumer goods *see* Marketing
research *see* Market research & analysis
transformers *see* Transformers
Distributive
cooperation *see* Distribution cooperatives
education *see* Vocational education
Distributor
research *see* Market research & analysis
District of Columbia *area* –753
District
heating
gen. wks. 697.54
see also spec. applications
libraries *see* Public libraries
nursing *see* Nursing
Ditchers
railroads *see* Trains
Ditches *see* Drainage structures
Ditching *see* Drainage
Diuretics *see* Uretic drugs
Divide Co. N.D. *area* –784 71
Dividend
policies *see* Financial administration
Divination
Bible 220.15
folklore *see* Superstitions
Divination (continued)
occultism 133.3
religion
Christian 232.12
gen. wks. 291.32
see also other spec. rel.
Divine
law
Christian rel. 231.7
see also other spec. rel.
Office
music
gen. wks. 783.24
see also spec. mediums
religion
gen. wks. 264.1
spec. denominations 264.01–.09
right of kings
ethics 172.2
pol. sci. *see* Monarchical absolutism
services *see* Public worship
Diving
aerodynamics *see* Aerodynamics
hydraulic eng. *see* Underwater operations
sports
hygiene †613.7
performance 797.23–.24
Divining
rods *see* Divination
Divinities *see* Deities
Divinity *see* God
Divisibility
algebra *see* Numbers (symbols)
Division
arithmetic *see* Arithmetical operations
Divisions
military *see* Organizational units
Divorce
ethics
philosophy 173
religion
Christian 241
see also other spec. rel.
laws 347.6

Divorce (continued)
psychology †155.643
sociology 301.428 4
statistics *see* Demography
Divorcees *see* Women
Dixie Co. Fla. *area* –759 81
Dixiecrat
Party *see* Political parties
Dixon Co. Neb. *area* –782 22
Diyarbakir Turkey *area* –566 7
Dnieper River USSR
gen. wks. *area* –†477 1
see also other areas
Dniester River USSR
gen. wks. *area* –†477 1
see also other areas
Dobby-weave
fabrics *see* Fancy-weave fabrics
Doberman
pinschers *see* Working dogs
Dobrogea Romania *area* –498 3
Dobruja
Bulgaria *area* –497 7
Romania *area* –498 3
Dobson
flies
agricultural pests 632.7+
culture 638.57+
see also Neuroptera
Dock
buildings *see* Transportation buildings
construction
engineering *see* Docks
forces *see* Engineer forces
Docks
eng. & construction
economics 338.47+
technology
gen. wks. 627.31
military 623.64
see also Marinas
see also Transportation services
Doctrinal
theology *see* Dogmatism
Doctrines
religion *see* Dogmatism
Documentation
equipment *see* Computers
library sci. †029.7
see also Records management
Documents
collections
general †080
see also *s.s.*–08
library treatment 025.173
Doddridge Co. W.Va. *area* –754 56
Dodecacorallia *see* Anthozoa
Dodecanese Greece
ancient *area* –391 6
modern *area* –499 6
Dodge Co.
Ga. *area* –758 53
Minn. *area* –776 15
Neb. *area* –782 235
Wis. *area* –775 82
Dog
cabbage *see* Chenopodiales
Dogbane *see* Apocynales
Dogmas *see* Dogmatism
Dogmatic
theology *see* Dogmatism
Dogmatics *see* Dogmatism
Dogmatism
philosophy 148
religion
Christian 230
comp. rel. 291.2
see also other spec. rel.
Dogs
culture 636.7
disease carriers *see* Disease carriers
experimental med.
animals 636.089+
man 619.7
use *see spec. purposes*
see also Canidae
Dogwood
trees
culture 635.977+
forestry 634.973+
see also Umbelliflorae
Doldrums *see* Winds
Dolerites *see* Plutonic rocks
Doll
houses *see* Toys
Dolls *see* Toys

Dolomite
mineralogy
gen. wks. 549.782
see also Limestones
petrology *see* Sedimentary rocks
soil conditioners *see* Soil conditioners
see also Magnesium geology
Dolores Co. Colo. *area* –788 26
Dolphins (mammals) *see* Odontocetes
Dolphins (mooring structures) *see* Port installations
Domed
roofs *see* Roofs
Domes
architecture 721.46
construction
economics 338.47+
technology
buildings 690.1+
gen. wks. 624.177
see also spec. structures
Domestic
animals *see* Livestock
art *see* Folk art
arts
customs 392.3
technology 640
commerce *see* Trade (activity)
economy *see* Domestic arts
employees
gen. wks. 647.2–.6
labor economics 331.761+
management 658.37+
fowls *see* Poultry
medicine
animals
gen. wks. 636.089+
see also spec. animals
man 616.024
science *see* Domestic arts
water supply *see* Water supply
see also Family
Dominations (angels) *see* Angelology
Dominica West Indies *area* –729 841
Dominican Republic *area* –729 3
Dominicans
history
men 271.2
women 271.972
see also Religious congregations
Dominion
Day *see* Holidays
Dominoes
counters *see* Recreational equipment
game *see* Counter games
Don River USSR
gen. wks. *area* –477 7
see also other areas
Dona Ana Co. N.M. *area* –789 66
Donbas USSR
gen. wks. *area* –†477 1
see also other areas
Donegal Ireland *area* –416 3
Donets River USSR
gen. wks. *area* –†477 1
see also other areas
Doniphan Co. Kan. *area* –781 35
Donkeys *see* Asses
Donley Co. Tex. *area* –764 832
Dooly Co. Ga. *area* –758 895
Door Co. Wis. *area* –775 63
Doors
architecture 721.8
construction
economics 338.47+
technology
carpentry 694.61
gen. wks. 690.1+
interior decoration
art 747.3
home economics 645.3
see also spec. structures
Doorways
architecture 721.8
construction
economics 338.47+
technology
carpentry 694.61
gen. wks. 690.1+
see also spec. structures
Doppler effect
astronomy 521
physics
light 535.2
sound 534.32

Dorchester Co.
  Md. *area* –752 27
  Que. *area* –714 72
  S.C. *area* –757 94
Dordogne France *area* –447 2
Dories *see* Hand-propelled craft
Doris Greece *area* –383
Dormers *see* Roof structures
Dormitories
  school equipment *see* School buildings
Dorsal
  muscles *see* Muscles
Dorset Eng. *area* –423 3
Dosages *see* Posology
Dosology *see* Posology
Dot
  engraving *see* Metal engraving
Double
  basses *see* Contrabasses
  salts *see* Salts
  stars *see* Binary stars
Double-reed
  instruments
    manufacture
      economics 338.47+
      technology 681.81+
    music **788.7–.8**
Doubs France *area* –444 6
Doubt *see* Skepticism
Dougherty Co. Ga. *area* –758 95
Douglas
  Co.
    Colo. *area* –788 86
    Ga. *area* –758 24
    Ill. *area* –773 68
    Kan. *area* –781 65
    Minn. *area* –776 45
    Mo. *area* –778 83
    Neb. *area* –782 25
    Nev. *area* –793 59
    Ore. *area* –795 29
    S.D. *area* –783 383
    Wash. *area* –797 31
    Wis. *area* –775 11
  Res. Tenn.
    gen. wks. *area* –768 924
    see also other areas
Douglas
  fir trees *see* Fir trees
Douro Litoral Portugal *area* –469 15
Doves *see* Pigeons
Down Ireland *area* –416 5
Downspouts *see* Weatherings
Downwash *see* Air flow
Downy
  mildews
    diseases *see* Fungus diseases
    organisms *see* Peronosporales
Dowry
  law *see* Marriage law
Draft
  animals
    culture
      gen. wks. 636.088 2
      see also spec. animals
  dogs
    culture
      gen. wks. 636.708+
      spec. breeds *see* Working dogs
    see also Canidae
  horses
    culture
      gen. wks. 636.108+
      spec. breeds 636.15
    see also Equidae
Drafted
  labor
    economics 331.57
    management **658.3**
Drafting (drawing) *see* Technical drawing
Drafting
  men *see* Manpower mobilization
  women *see* Womanpower mobilization
Drafts (finance) *see* Credit instruments
Dragonflies
  agricultural pests 632.7+
  culture 638.57+
  see also Odonata
Dragonfishes
  culture 639.375+
  fishing
    industries 639.27+
    sports 799.17+
  see also Isospondyli

Dragons *see* Imaginary animals
Drainage
  agriculture
    gen. wks. 631.62
    see also spec. crops
  engineering
    economics 338.47+
    technology
      gen. wks. 627.54
      see also Drainage structures
    see also spec. branches
  pub. health 614.776
Drainage structures
  engineering
    highways 625.734
    mines 622.5
    railroads 625.123
  see also Plumbing
Drainage winds *see* Winds
Drama Greece *area* –495 6
Drama
  collections **808.82**
  criticism **809.2**
  performance
    gen. wks. **792**
    study & teaching
      elementary ed. †372.66
      see also *s.s.*–07
  rhetoric **808.2**
  see also spec. lit.
Dramatic
  music
    gen. wks. **782**
    see also spec. mediums
  programs
    military *see* Special services
    student life
      gen. wks. †371.893
      see also spec. levels of ed.
Draperies
  interior decoration
    art 747.5
    home economics 645.3
  manufacture
    economics 338.47+
    technology 684.3
Drastics *see* Gastroenteric drugs
Draughts *see* Checkers
Dravidian
  ethnic groups *area* **–174+**
  languages **494.8**
  lingual groups *area* **–175+**
  see also other spec. subj.
Drawbridges *see* Movable bridges
Drawing
  lines
    arts **741.2–.4**
    study & teaching
      elementary ed. 372.52
      see also *s.s.*–07
  metals
    arts 739.14
    technology
      gen. wks. 671.34
      see also spec. metals
Drawing-papers *see* Paper products
Drawing-rooms *see* Rooms
Drawings (arts)
  architectural †720.223
  gen. wks. **741–744**
  see also Pictures
Drawn
  work *see* Embroidery
Dray
  horses *see* Draft horses
Dreadnoughts *see* Warships
Dreams
  folklore *see* Superstitions
  physiology 612.821
  pseudopsychology **135**
  psychology †154.63
Dredgers *see* Special-purpose vessels
Dredging
  operations
    foundations *see* Subaqueous foundations
  hydraulic eng. 627.73
  mining *see* Alluvial mining
  see also other spec. applications
Drenthe Netherlands *area* –492 1
Dresden Germany *area* –432 1
Dress (personal appearance) *see* Costume

Dress
accessories
customs **391.4**
home sewing **646.48**
manufacture
economics 338.47+
technology 687.19
marketing 658.809+
shields *see* Notions
Dressers *see* Furniture
Dresses *see* Garments
Dressing
children *see* Child care
Dressing-gowns *see* Garments
Dressing-rooms *see* Rooms
Dressings
food *see* Auxiliary foods
Dressmaking *see* Garments
Drew Co. Ark. *area* –767 825
Drift
mining *see* Alluvial mining
Drifts
snow *see* Snow formations
Drilling
operations
hydraulic eng. 627.75
mining eng. 622.23
see also other spec. applications
Drilling-machinery *see* Perforating-machinery
Drilling-platforms *see* Artificial islands
Drilling-ships *see* Special-purpose vessels
Drinking
customs
private 392.37
public 394.1
hygiene **613.3**
songs *see* Folk songs
see also Addictions
Drinks *see* Beverages
Drive
shafts
gen. wks. *see* Shafts
motor vehicles *see* Chassis
Drive-in
restaurant buildings *see* Restaurant buildings
Drives (psychology) *see* Motivation
Drives (roads) *see* Trafficways
Driveways *see* Auxiliary pavements
Driving
motor vehicles *see* Motoring
Drôme France *area* –449 8
Dromedaries *see* Camels
Drones *see* Bees
Drop
sidings *see* Pattern lumber
Droseraceae *see* Sarraceniales
Droughts *see* Precipitation
Drowning
prevention *see* Safety measures
treatment *see* Injuries
Drug
addictions *see* Addictions
allergies *see* Allergies
assays *see* Assay methods
dispensing *see* Practical pharmacy
traffic
govt. control
gen. wks. 350.765
police services 363.4+
see also spec. levels of govt.
offense *see* Offenses
Drugs *see* Pharmacology
Drum
majoring *see* Bands
Drum & bugle
corps *see* Bands
Drumlins
geography *see spec. places*
glaciology 551.313
Drummond Co. Que. *area* –714 56
Drums *see* Percussion instruments
Drunkenness
crime *see* Offenses
psychopathic *see* Addictions
Dry
cells *see* Batteries
cleaning
commercial 667.12
domestic 646.62

Dry (continued)
farming
gen. wks. 631.586
see also spec. crops
fodder *see* Fodder
methods *see* Pyrolysis
Drydocks *see* Shipyards
Drying
chem. materials *see* Unit operations
food *see* Food preservation
textiles *see* Laundering
Dryopoidea *see* Polyphaga
Drypoint
engraving
arts 767.3
industry 655.318
engravings *see* Prints
Dual
citizenship *see* Nationality
Dualism
philosophy 147.4
religion
heresy 273.25
gen. wks. 291.14
see also spec. rel.
Dual-purpose
animals *see* Multiple-purpose animals
Dublin Ireland *area* –418 3
Dubois Co. Ind. *area* –772 37
Dubuque Co. Ia. *area* –777 39
Duchesne Co. Utah *area* –792 22
Duchesse
lace *see* Openwork fabrics
Duchesses *see* Aristocracy
Ducie Isl. *area* –961 8
Duck River Tenn.
gen. wks. *area* –768 434
see also other areas
Duckbills *see* Platypuses
Ducks
culture 636.597
food *see* Poultry
hunting
industries 639.12+
sports 799.248+
see also Anseriformes
Duckweeds *see* Arales
Ductility
materials
construction 691
engineering †620.112 9
see also spec. applications
Ductless
glands *see* Endocrine glands
Dude
ranching *see* Outdoor life
Dueling
crime *see* Offenses
ethics 179.7
soc. customs 394.8
Duesseldorf *see* Düsseldorf
Dufferin Co. Ont. *area* –713 41
Dugongs *see* Sea cows
Dukes Co. Mass. *area* –744 94
Dukes *see* Aristocracy
Dulcimer *see* Psalteries
Dumas
method *see* Blowpipe analysis
Dumbbell
exercises *see* Gymnastics
Dumbbells *see* Recreational equipment
Dumbwaiters *see* Elevators (lifts)
Dumfries Scotland *area* –414 8
Dummy
construction *see* Camouflage
Dumortierte
mineralogy 549.62
see also Refractory materials
Dump
trucks *see* Motor vehicles
Dunbarton Scotland *area* –413 7
Dundas Co. Ont. *area* –713 75
Dundy Co. Neb. *area* –782 86
Dung
beetles
agricultural pests 632.7+
culture 638.57+
see also Polyphaga
Dunkers *see* Baptist churches
Dunklin Co. Mo. *area* –778 99
Dunn Co.
N.D. *area* –784 82
Wis. *area* –775 43

Duodecimal
system *see* Numeration systems
Duodenitis *see* Intestinal disorders
Duodenum *see* Intestines
Du Page Co. Ill. *area* –773 24
Duplicating-machines
manufacture
economics 338.47+
technology 681.6
marketing 658.809+
office equipment 651.264
see also spec. applications
Duplication
functions
libraries 025.129
museums 069.7
see also Printing processes
Duplin Co. N.C. *area* –756 38
Dura *see* Brain
Durango Mexico *area* –721
Duration *see* Time (duration)
Durazno Uruguay *area* –895 2
Durham Co.
Eng. *area* –428 1
N.C. *area* –756 56
Ont. *area* –713 56
Durra *see* Sorghums
Düsseldorf Germany *area* –†435 5
Dust
gen. wks. *see* Particulates
storms *see* Storms
Dusting-on
processes *see* Special-process photography
Dutch Guiana *area* –883
Dutch *see* Germanic
Dutchess Co. N.Y. *area* –747 33
Dutchman's breeches *see* Rhoeadales
Duties (obligations)
philosophy **170**
religion
Christian **241**
gen. wks. 291.5
see also other spec. rel.
Duties (taxes) *see* Customs (taxes)
Duval Co.
Fla. *area* –759 12
Tex. *area* –764 463
Dvicesium *see* Francium
Dvimanganese *see* Rhenium
Dvitellurium *see* Polonium
Dwarf
books *see* Miniature editions
Dwarfism *see* Dwarfs
Dwarfs
phys. anthropology
gen. wks. 573.8
see also Endocrine disorders
supernatural *see* Supernatural beings
Dwellings *see* Residential buildings
Dyadic
system *see* Numeration systems
Dye
plants *see* Dyes
Dyeing
hair *see* Hairdressing
textiles
commercial **667.3**
domestic 640
Dyer Co. Tenn. *area* –768 15
Dyes
agriculture
economics 338.17+
technology 633.86
chemistry **547.86**
manufacture
economics **338.47+**
technology **667.2**
see also spec. applications
Dyestuffs *see* Dyes
Dynamic
geology *see* Physical geology
programing *see* Operations research
psychologies *see* Functionalism
Dynamics
electricity *see* Electrodynamics

Dynamics (continued)
engineering
machines
gen. wks. 621.811
see also spec. machines
see also spec. branches
mechanics
gen. wks. **531.3**
see also spec. branches
meteorology 551.515 3
sociology *see* Group behavior
see also spec. applications
Dynamism
philosophy 146
see also Cosmology
Dynamoelectric
machinery
engineering
economics **338.47+**
technology **621.313**
see also spec. applications
Dynamos *see* Direct-current machinery
Dynamotors *see* Direct-current machinery
Dysenteries
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.935**
pediatrics **618.929+**
pub. health 614.516
Dysmenorrhea *see* Menstruation disorders
Dyspepsia *see* Gastric disorders
Dysprosium *see* Rare-earths
Dystocia
animals
gen. wks. **636.089+**
see also spec. animals
man **618.5**

E

ESP *see* Extrasensory perception
E vitamin *see* Vitamins
Eagle Co. Colo. *area* –788 44
Eagles
agricultural pests 632.6+
culture 636.686 9
hunting
industry 639.12+
sports 799.248+
see also Falconiformes
Eardrum *see* Tympanic membrane
Eared
seals
conservation 639.97+
culture 636.97+
hunting
industries
economics 338.372+
technology 639.29
sports 799.277+
see also Otariidae
Earless
seals
conservation 639.97+
culture 636.97+
hunting
industries
economics 338.372+
technology 639.29
sports 799.277+
see also Phocidae
Earls *see* Aristocracy
Early Co. Ga. *area* –758 96
Earnings *see* Wages
Earrings *see* Jewelry
Ears
anatomy
animals
vet. sci. 636.089+
zoology 591.48
see also spec. animals
man 611.85
diseases
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man **617.8**

Ears (continued)
physiology
animals
vet. sci. **636.089+**
zoology 591.18
see also spec. animals
man **612.85**
Earth
astronomy *see* Terrestrial astronomy
closet systems *see* Unsewered structures
magnetism *see* Geomagnetism
satellites *see* Artificial satellites
sciences
gen. wks. **550**
see also spec. applications
temperatures *see* Temperatures
Earthenware
arts **738.3**
clays *see* Clays
industries
economics **338.47+**
technology **666.6**
Earthquake
stresses *see* Stresses (mechanical)
Earthquake-resistant
construction *see* Resistant construction
Earthquakes
geography
gen. wks. †910.02
see also spec. places
geology 551.22
history
gen. wks. 904.5
see also spec. places
see also Disasters
Earthwork *see* Excavation engineering
Earthworms
culture †639.75+
see also Oligochaeta
Earthy
materials
geology
gen. wks. **553.6**
mineralogy *see spec. minerals*
mining
economics **338.27+**
technology **622.36**
see also spec. products
Earwigs
agricultural pests 632.7+
culture 638.57+
see also Dermaptera
Easel
paintings
gen. wks. 751.72
see also Religious art
East
Baton Rouge Par. La. *area* –763 18
Bengal Pakistan *area* **–†549 2**
Carroll Par. La. *area* –763 82
China Sea *see* Pacific Ocean
Feliciana Par. La. *area* –763 16
Germany (Democratic Republic) *area* **–431**
Indies *see* Malay Archipelago
Lothian Scotland *area* –414 5
Prussia *area* –†438 3
East
Aramaic *see* Syriac
Indian
pepper
agriculture
economics 338.17+
technology 633.84
food 641.338+
marketing 658.809+
processing *see spec. products*
see also Piperales
Semitic *see* Akkadian
Easter Isl. *area* –961 8
Easter
gen. wks. *see* Holy days
music
gen. wks. **783.28**
see also spec. mediums

Eastern
Desert Egypt *see* Arabian Desert
Hemisphere
geography 910.091+
history 909.09+
subject treatment *area* –181 1
see also spec. areas
Shore Md. *area* –752 1
Eastern
churches *see* Oriental churches
Orthodox churches
religion **281.9**
see also Church buildings
Eastland Co. Tex. *area* –764 547
Eating-customs
private 392.37
public 394.1
Eating-places *see* Public accommodations
Eaton Co. Mich. *area* –774 23
Eau Claire Co. Wis. *area* –775 45
Ebenaceae *see* Ebenales
Ebenales
botany 583.68
floriculture 635.933+
Eberthella
diseases
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.927**
pediatrics **618.929+**
pub. health **614.51**
Ebony
trees
culture 635.977+
forestry 634.973+
see also Ebenales
Ebullioscopy *see* Colligative properties
Écarté *see* Card games
Ecclesiastes
liturgy
Christianity **264**
Judaism **296.4**
O.T.
gen. wks. **223.8**
see also Pseudepigrapha
Ecclesiastical
buildings
architecture **726**
construction **690.6**
housekeeping **†647.98**
interior decoration **747.8+**
religion *see* Sacred places
emblems
art metalwork
gold 739.228 2
see also other metals
religion
Christian 247.9
see also other spec. rel.
furniture *see* Sacred furniture
law *see* Religious law
vestments *see* Vestments
Ecclesiasticus
Apocrypha **229.4**
liturgy
gen. wks. 264.3–.4
spec. denominations **264.01–.09**
Ecclesiology
art **726**
religion
Christian
symbolism **246–247**
theology **262**
see also other spec. rel.
Echeneoidea *see* Acanthopterygii
Echinococcosis *see* Cestoda infestations
Echinocystoida *see* Echinoidea
Echinodera *see* Aschelminthes
Echinodermata
culture **†639.73+**
paleozoology **563.9**
zoology **593.9**
Echinoidea
culture †639.73+
paleozoology 563.95
zoology 593.95
Echinozoa *see* Echinodermata
Echiuroidea *see* Gephyrea
Echoes *see* Reflection
Echolalia *see* Aphasias
Echols Co. Ga. *area* –758 814

Eclampsia
animals
vet. sci.
gen. wks. 636.089+
obstetrics **636.089+**
see also spec. animals
man
gen. wks. 616.845
obstetrics **618.75**
Eclectic
medicine
gen. wks. 615.537
see also spec. diseases
see also Eclecticism
Eclecticism
philosophy
ancient 186.3
gen. wks. 148
therapeutics
gen. wks. 615
veterinary 636.089+
Eclipses
theoretical astronomy 521.8
see also spec. celestial bodies
Ecology
biology
animals **591.5**
gen. wks. **574.5**
plants **†581.5**
see also spec. organisms
man *see* Adaptability
Economic
biology
animals **591.6**
gen. wks. 574.6
plants **581.6**
see also spec. organisms
boycotts *see* Compulsive measures
budget *see* National accounting
chemistry *see* Chemical technology
geology
science **553**
technology **622**
order
religion
Christian 261.85
Economic
order
religion (continued)
gen. wks. 291.17+
see also other spec. rel.
see also Economic systems
planning *see* Planning production
rent
gen. wks. †333.012
see also spec. applications
systems
gen. wks. **330.1**
see also Collectivism
Economics
gen. wks. **330**
see also spec. applications
Ectocarpales *see* Phaeophyta
Ectoparasitic
diseases
animals
vet. sci. 636.089+
zoology 591.2
see also spec. animals
man
medicine 616.968
pediatrics 618.929+
public health 614.55+
plants
agriculture **632.7**
botany 581.233
see also spec. plants
Ectopic
pregnancies *see* Extrauterine pregnancies
Ector Co. Tex. *area* –764 862
Ecuador ***area* –866**
Ecumenical
councils
church history
Middle Ages 270.2
modern period **270.8**
polity 262.5
Eczema *see* Vesicular eruptions
Eddy Co.
N.M. *area* –789 42
N.D. *area* –†784 5
Edemas *see* Symptomatology

Eden
Bible *see* Pentateuch
folklore *see* Imaginary places
Edentata
paleozoology 569.31
zoology 599.31
Edentates
conservation 639.97+
culture 636.93+
hunting 639.11+
see also Edentata
Edgar Co. Ill. *area* –773 69
Edgecombe Co. N.C. *area* –756 46
Edgefield Co. S.C. *area* –757 37
Edging
plants *see* Border plants
Edible
gelatins *see* Gelatins
oils *see* Fixed oils
oysters *see* Oysters
plants
agriculture
economics **338.17+**
technology **633–635**
botany
gen. wks. 581.632
see also spec. plants
Edirne Turkey *area* –496 1
Editing
gen. wks. **808.02**
journalism 070.41
Editorial
work *see* Editing
Edmonson Co. Ky. ***area* –769 75**
Edmunds Co. S.D. *area* –783 15
Edom *area* –394 6
Education
govt.
control
gen. wks. †350.85
see also spec. levels of govt.
supervision **379**
of veterans *see* Postmilitary benefits
religious *see* Religious training
science **370**
see also ***s.s.* –07**
Education-departments *see* Executive departments
Educational
areas *see* Cultural areas
functions
libraries 021.2
museums 069.1
guidance *see* Counseling
programs
personnel management
business 658.386
government
gen. wks. 350.162 6
see also spec. levels of govt.
see also spec. institutions
psychology *see* Learning
sociology
gen. wks. 370.193
see also spec. levels of ed.
tests *see* Mental tests
therapies *see* Mental therapies
Edward Nyanza
gen. wks. *area* –675
see also other areas
Edwards Co.
Ill. *area* –773 791
Kan. *area* –781 78
Tex. *area* –764 882
Eels
culture 639.375+
fishing
industries 639.27+
sports 799.17+
food
cookery 641.69+
gen. wks. 641.39+
see also Apodes
Eelworms *see* Nematoidea
Effingham Co.
Ga. *area* –758 72
Ill. *area* –773 796
Effluvium *see* Air pollution
Egg
cells *see* Germ cells
Eggnogs *see* Spirits (alcoholic)
Eggplants
agriculture
economics 338.17+
technology **635.646**

Eggplants (continued)
food 641.35+
marketing 658.809+
processing *see spec. products*
see also Solanales
Eggs
experimental med.
animals 636.089+
man 619.5
food
cookery **641.67+**
gen. wks. **641.37+**
marketing 658.809+
preservation
commercial 664
home 641.41–.47
production
economics **338.17+**
technology **637.5**
zoology *see spec. animals*
Ego *see* Subconscious
Egoism
philosophy
ethics 171.9
metaphysics 126
see also Subconscious
Egotism *see* Egoism
Egrets
conservation 639.97+
culture 636.6
hunting
industries 639.12+
sports 799.248+
see also Ciconiiformes
Egypt
ancient *area* –32
modern ***area* –62**
Egyptian
modern *see* Arabic
old *see* Old Egyptian
Ehime Japan *area* –523
Eidetic
imagery *see* Imagery
Einsteinium *see* Rare-earths
Ejectors *see* Pumps
Eka-aluminum *see* Gallium
Ekaboron *see* Rare-earths
Ekacesium *see* Francium
Eka-iodine *see* Halogen
Ekamanganese *see* Technetium
Ekaneodymium *see* Rare-earths
Eka-osmium *see* Rare-earths
Ekarhenium *see* Rare-earths
Ekasilicon *see* Germanium
Ekatantalum *see* Rare-earths
Elaeagnaceae *see* Rhamnales
Elamitic
ethnic groups *area* –174+
language 499.93
lingual groups *area* –175+
see also other spec. subj.
Elands *see* Antelopes
Elasig Turkey *area* –566 7
Elasipoda *see* Holothurioidea
Elasmobranchii *see* Chondrichthyes
Elastic
cartilages *see* Histology
limit *see* Elasticity
polymers *see* Elastomers
textiles
manufacture
economics 338.47+
technology 677.55
marketing 658.809+
see also spec. applications
tissues *see* Histology
Elasticity
crystallography 548.842
engineering
materials **620.112 3**
structures **624.171**
mechanics
gases †533.28
liquids 532.58
solids **531.38**
Elastomers
chemistry **547.842**
manufacture
economics **338.47+**
technology **678**
marketing **658.809+**
materials
arts 702.8
engineering 620.194
see also spec. products
Elastoplastics
chemistry 547.842 73
manufacture
economics 338.47+

Elastoplastics
manufacture (continued)
technology 678.73
see also spec. products
Elateroidea
paleozoology 565.76
zoology 595.765
Elatinaceae *see* Caryophyllales
Elbert Co.
Colo. *area* –788 87
Ga. *area* –758 16
Elderberries
agriculture
economics 338.17+
technology 634.74
food 641.34+
marketing 658.809+
processing *see spec. products*
see also Rubiales
Elderly
people *see* Aged people
Elders *see* Clergy
El Dorado Co. Calif. *area* –794 41
Election *see* Will
Elections
administration 352.004
laws †340
pol. sci.
campaigns 329.023
gen. wks. **324.2**
Electoral
frauds *see* Electoral irregularities
irregularities
pol. sci.
gen. wks. 324.27
prac. pol. 329
see also Offenses
systems
laws †340
pol. sci. 324.21
Electra
complex *see* Subconscious
Electric
arc
illumination eng.
gen. wks. 621.325
see also spec. applications
physics 537.52
Electric (continued)
automobiles *see* Motor vehicles
cookery *see* Special-equipment cookery
currents
engineering *see* Electrical engineering
physics **537.6**
double layers *see* Surface phenomena
eye *see* Photoelectric effects
furnaces
engineering
economics 338.47+
technology 621.396
see also spec. applications
generators
engineering *see* Dynamoelectric machinery
physics 537.23
lamps *see* Illumination fixtures
lighting
engineering
economics **338.47+**
technology
gen. wks. **621.325–.327**
military 623.76
naval 623.852
see also other spec. branches
home econ. 644.3
interior decoration 747.92
see also other applications
locomotives *see* Locomotives
megaphones *see* Public address systems
motors *see* Motors
power
economics **338.47+**
engineering
gen. wks. **621.31**
military 623.76
govt. control
gen. wks. **350.872 2**

Electric
power
govt. control (continued)
services **363.62**
see also spec. levels of govt.
see also Electrical engineering
railways
eng. & construction
economics **338.47+**
technology **625.6**
see also Transportation services
supply meters *see* Energy measurements
traction
engineering
economics 338.47+
technology 621.33
see also Transportation services
transmission lines *see* Power lines
see also Electrical
Electrical
analysis *see* Instrumental analysis
appliances *see* Household appliances
engineering
economics **338.47+**
technology
gen. wks. **621.3**
military 623.76
naval †623.850 3
see also other spec. branches
measurements *see* Measurements
physical exploration *see* Geophysical exploration
properties
crystals 548.85
materials
construction 691
engineering
gen. wks. 620.112 9
see also spec. branches
matter **537**
Electrical
properties (continued)
minerals 549.127
solutions *see* Solutions
separation
analysis *see* Electroanalysis
mining *see* Ore dressing
see also Electric
Electricity
biophysics *see* Biophysics
engineering *see* Electrical engineering
meteorology *see* Atmospheric electricity
physics **537**
Electric-power
lines
installation *see* Utility lines
Electrification
household *see* Household electrification
railway
economics 338.47+
technology 621.33
rural *see* Rural electrification
Electroacoustical
devices
engineering
economics **338.47+**
technology **†621.389**
gen. wks. **001.554**
music **789.91**
office equipment 651.263
see also other spec. applications
Electroanalysis
gen. wks. **545.3**
organic chem. **547.35+**
Electrocapillarity *see* Dielectrics
Electrochemistry
chemistry
gen. wks. **541.37**
organic **†547.1+**
engineering
generators **621.35**
industrial **660.29+**

Electrocution
punishment *see* Capital punishment
Electrodeposition
chemistry
gen. wks. 545.34
organic 547.35+
technology *see* Surface finishing
Electrodynamics
engineering
gen. wks. 621.319 21
see also spec. applications
physics 537.64
Electrodynamometers *see* Power measurements
Electrolysis
chem. eng. 660.29+
chemistry
gen. wks. **541.372**
organic **547.1+**
Electrolytic
conductivity *see* Ionization
Electromagnetic
fields *see* Electromagnetic theories
furnaces *see* Electric furnaces
properties
crystals 548.85
materials
construction 691
engineering
gen. wks. 620.112 9
see also spec. branches
matter **537–538**
see also Physical chemistry
radiation
food preservation *see* Food preservation
physics *see spec. elements*
spectrum
physics
gen. wks. **537.53**
see also spec. parts
see also spec. applications
Electromagnetic (continued)
theories
physics
electricity **537.11–.12**
light 535.14
see also spec. applications
waves *see* Electromagnetic theories
Electromagnets
engineering †621.316
physics 538.23
Electrometallurgy *see* Metallurgy
Electrometers *see* Potential measurements
Electrometric
titration *see* Electroanalysis
Electron
ballistics
engineering *see* Valves (electronic)
physics 537.532
metallography *see* Metallography
microscopes *see* Microscopes
optics
engineering 621.381 9
physics 537.56
Electronic
command systems *see* Command systems
data processing *see* Data processing
digital computers *see* Digital machines
engineering *see* Electronics
musical instruments
engineering †621.389
music 789.9
navigation aids *see* Navigation
tubes
engineering
economics **338.47+**
technology
gen. wks. **621.381 51**
see also spec. branches
physics **537.5**

Electronics
engineering
gen. wks. **621.381**
see also spec. branches
physics **537.5**
see also spec. applications
Electrons *see* Subatomic particles
Electroplating
metals *see* Surface finishing
Electrostatics
engineering
mining 622.77
see also other spec. applications
physics **537.2**
Electrostriction *see* Dielectrics
Electrotherapy
animals
gen. wks. 636.089+
see also spec. animals
man 615.845
see also spec. diseases
Electrotype
printing *see* Relief processes
Eleemosynary *see* Welfare
Elementary
analytic geometry *see* Cartesian geometry
education
gen. wks. †372
govt. control
gen. wks. †350.85
see also spec. levels of govt.
geometry *see* Euclidean geometry
school
libraries *see* School libraries
schools
education **372.1–.2**
govt. control
gen. wks. †350.85
see also spec. levels of govt.
textbooks †372.3–.8
Elements
chemistry
inorganic 546.11
radiochemistry **541.389**
Elements
chemistry (continued)
technical 661.1
mineralogy **549.2**
see also spec. elements
Elephant Butte Res. N.M.
gen. wks. *area* –789 62
see also other areas
Elephant
fishes
culture 639.373+
see also Chimaerae
seals *see* Earless seals
Elephantiasis *see* Nematoda infestations
Elephants
conservation 639.97+
culture 636.96+
hunting
industry 639.11+
sports 799.276+
see also Proboscidea
Elevated
railways *see* Rapid transit railways
Elevators (aircraft) *see* Airfoils
Elevators (lifts)
engineering
economics 338.47+
technology
gen. wks. 621.877
mining 622.68
see also other spec. branches
see also spec. applications
Elevenses *see* Meals
Elgin Co. Ont. *area* –713 34
Elimination
discriminants *see* Discriminants
Eline *see* Halogen
Elis Greece
ancient *area* –388
modern *area* –495 2
Elixirs *see* Medicinal solutions
Elizabeth City Co. Va. *area* –755 41
Elizabeth Isls. Mass. *area* –744 94
Elk
Co.
Kan. *area* –781 915
Pa. *area* –748 65

Elk (continued)
Mts. Colo.
gen. wks. *area* –788 41
see also other areas
River W.Va.
gen. wks. ***area* –754 6**
see also other areas
Elk *see* Deer
Elkhart Co. Ind. *area* –772 81
Elkhorn River Neb.
gen. wks. ***area* –782 5**
see also other areas
Elko Co. Nev. *area* –793 16
Ellagitannins *see* Tannins
Ellice Isls. *area* –968 1
Elliott Co. Ky. *area* –769 255
Elliptic
functions
calculus 517.36
see also *s.s.*–015+
Ellis Co.
Kan. *area* –781 19
Okla. *area* –766 155
Tex. *area* –764 281
Ellsworth Co. Kan. *area* –781 535
Elm
trees
culture 635.977+
forestry 634.972 8
see also Urticales
Elmore Co.
Ala. *area* –761 52
Ida. *area* –796 29
Elocution *see* Speeches
El Oro Ecuador *area* –866 3
El Paso Co.
Colo. *area* –788 56
Tex. *area* –764 96
El Salvador *see* Salvador (country)
Elves *see* Supernatural beings
Ely Eng. *area* –425 9
Emaciation *see* Nutritional diseases
Emancipation
slaves *see* Slavery
Emanuel Co. Ga. *area* –758 684
Embalming
biol. specimens 579.2
human bodies *see* Undertaking
Embargoes
commerce 382.73
international relations *see* Compulsive measures
Embarkation
maneuvers *see* Battle tactics
Embassy
buildings *see* Government buildings
Embellishment
music
gen. wks. 781.67
see also spec. mediums
see also Ornamental
Embezzlement *see* Defrauding
Embezzlers *see* Offenders
Embioptera
paleozoology 565.73
zoology 595.737
Emblems
folklore *see* Superstitions
religion
Christian **246–247**
gen. wks. 291.37
see also other spec. rel.
see also Ecclesiastical emblems
Embolisms *see* Vascular disorders
Embossed
printing
economics 338.47+
technology 655.382
Embrithopoda *see* Paenungulata
Embroidered
lace *see* Openwork fabrics
Embroidery
crafts **746.44**
industry
economics 338.47+
technology 677.77
Embryo *see* Embryology
Embryology
biology
animals 591.33
gen. wks. 574.3
plants **581.33**
see also spec. organisms

Embryology (continued)
med. sci.
animals
gen. wks. **636.089+**
see also spec. animals
man
anatomy 611.013
physiology **612.64**
see also Pregnancy
Embryotomy
animals
gen. wks. 636.089+
see also spec. animals
man 618.83
Emeralds
mineralogy 549.64
see also Precious stones
Emergency
labor *see* Drafted labor
money *see* Noncommodity money
relief *see* Disasters
Emery Co. Utah *area* –792 57
Emery
abrasives *see* Abrasive materials
wheels *see* Abrading-machinery
Emetics *see* Gastroenteric drugs
Emicons *see* Electronic musical instruments
Emigration *see* Population movement
Emilia-Romagna Italy ***area* –454**
Eminent
domain *see* Expropriation
Emission
spectroscopy *see* Spectroscopy
theories *see* Corpuscular physics
Emmans Co. N.D. *area* –784 78
Emmenagogues *see* Genital drugs
Emmet Co.
Ia. *area* –777 125
Mich. *area* –774 88
Emollients
external *see* External medicinals
intestinal *see* Gastroenteric drugs
Emotionally
disturbed
children *see* Exceptional children
people
psychology *see* Abnormal psychology
treatment *see* Psychoneuroses
welfare service **362.2**
Emotions
psychology
animals **†156.2+**
gen. wks. **†152.4**
religion †200.19
Empennages *see* Airframes
Emperors *see* Royalty
Empetraceae *see* Celastrales
Emphysema *see* Respiratory diseases
Empire
Day *see* Holidays
Empires
geography **910.091+**
history **909.09+**
pol. sci. 321.03
subj. treatment ***area* –171 2**
see also spec. areas
Empirical
tests
gen. wks. 001.425
see also *s.s.*–018 5
Empiricism *see* Positivism
Employees
labor economics **331.11**
management *see* Personnel management
see also Domestic employees
Employer-employee relationships
business **658.315**
government
gen. wks. **350.17**
see also spec. levels of govt.

Employer-employee (continued)
labor **331.1**
Employers'
liability insurance *see* Disability insurance
Employment
labor economics 331.11
management
gen. wks. **658.31**
see also Civil service
see also Postmilitary benefits
Employment agencies
economics 338.47+
management 658.91+
use *see* Employment
Employment conditions
business **658.312**
economics **331.11**
government
gen. wks. **350.16**
see also spec. levels of govt.
Empresses *see* Royalty
Emulsins *see* Enzymes
Emulsions
gen. wks. *see* Colloids
pharmacology *see* Ointments
products *see spec. products*
Emus
conservation 639.97+
culture 636.6
hunting
industries 639.12+
sports 799.248+
see also Casuariiformes
Enameling
ceramics *see* Enamels
metals *see* Enamels
woodwork *see* Trims
Enamels
arts
ceramics 738.4
metals 739.15
manufacture
economics 338.47+
technology
ceramics 666.2
metals *see* Surface finishing
Enamels (continued)
religion
Christian 247.4
gen. wks. 291.37
see also other spec. rel.
Enargite
mineralogy 549.35
see also Copper geology
Encampment
tactics *see* Logistics
training *see* Training maneuvers
Encaustic
painting *see* Painting arts
paintings *see* Paintings
Encephalology *see* Brain
Encyclicals *see* Religious law
Encyclopedias
gen. wks. **030**
see also *s.s.*–03
End
papers *see* Papercrafts
Endive
agriculture
economics 338.17+
technology **635.55**
food 641.35+
marketing 658.809+
processing *see spec. products*
see also Asterales
Endless-belt
tractors *see* Tractors
Endocardium *see* Heart
Endocrine
disorders
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.43–.48**
pediatrics **618.924+**
surgery **617.44**
drugs
chemistry **547.734**
pharmacology
gen. wks. **615.36**
vet. sci. **636.089+**
see also Pharmacodynamics
see also spec. applications

Endocrine (continued)
glands
anatomy *see spec. glands*
diseases *see* Endocrine disorders
physiology
animals
vet. sci. **636.089+**
zoology 591.14
see also spec. animals
man **612.4**
psychology *see* Reductionism
Endocrinology *see* Endocrine glands
Endocrinotherapy *see* Endocrine drugs
Endogamy *see* Marriage
Endolymph *see* Internal ear
Endometritis *see* Gynecology
Endoparasitic
diseases *see* Parasitic diseases
Endosteum *see* Histology
Endothermic
reactions *see* Thermochemistry
Endowment
education
schools **379.12–.13**
students **378.3**
research †001.44
Enemas *see* Rectal medication
Energetics
engineering *see spec. branches*
physics
gen. wks. **531.6**
see also spec. branches
Energism
philosophy 146
psychology *see* Reductionism
Energy
measurements
electricity
engineering 621.374 5
physics 537.6
mechanics *see* Energetics
see also Meters

Energy (continued)
metaphysics 118
physics *see* Energetics
Engine
mountings
motor vehicles *see* Chassis
Engineer
forces
mil. sci.
gen. wks. **358.2**
see also spec. kinds of warfare
Engineering (science)
economics **338.47+**
technology **620**
Engineering
drawing *see* Technical drawing
Engines
engineering
gen. wks. **621.4**
hydraulic **621.25**
steam 621.11
see also spec. applications
England *area* **–42**
English Channel *see* Atlantic Ocean
English
ethnic groups *area* –174+
language **420**
lingual groups *area* –175+
see also other spec. subj.
English horns *see* Double-reed instruments
English toy
spaniels *see* Miniature dogs
Engraving
gen. wks. *see* Decorative treatment
photomechanical *see* Photomechanical printing
Engravings
carved *see* Carvings
gen. wks. *see* Pictures
printed *see* Prints
Enigmas *see* Puzzles
Enlargement
printing *see* Photoduplication
Enlisted
men *see* Personnel

Enlistment
men *see* Manpower mobilization
women *see* Womanpower mobilization
Enna Sicily *area* –458 12
Enopla *see* Nemertea
Enoree River S.C.
gen. wks. *area* –757 31
see also other areas
Ensembles
instrumental **785**
vocal **†784.96**
Ensilage *see* Fodder
Entablatures *see* Walls
Ententes *see* International relations
Enteric
diseases
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.932–.935**
pediatrics **618.929+**
pub. health **614.51**
fever *see* Eberthella diseases
vaccines *see* Serums
Enteritis *see* Intestinal disorders
Enterobacteriaceae *see* Eubacteriales
Enterobiasis *see* Nematoda infestations
Enteropneusta
culture **†639.73+**
paleozoology **563.99**
zoology **593.99**
Enterozoa *see* Metazoa
Entertaining *see* Hospitality
Entertainment
advertising
economics 338.47+
technology 659.138
Entertainments
customs **394**
gen. wks. **793.2**
see also Hospitality
Enthalpies *see* Thermology

Enthronements *see* Official ceremonies
Entiat Range Wash.
gen. wks. *area* –797 59
see also other areas
Entomology
gen. *see* Insects
medical *see* Ectoparasitic diseases
Entomorphthorales *see* Mucorales
Entoprocta *see* Eucoelomata
Entotrophi *see* Synaptera
Entre Douro e Minho Portugal *area* **–469 1**
Entre Ríos Argentina *area* –822
Entrees
cookery **641.82**
food tech. 664.65
Entrepreneurships *see* Proprietorships
Entropy *see* Thermodynamics
Enumeration
analysis *see* Statistical method
Environmental
adaptations *see* Ecology
adjustment *see* Adaptability
psychology
gen. wks. **†155.7**
pedology †155.413–.418
Envy *see* Evils
Enzymes
biochemistry
biology
animals **591.192+**
gen. wks. **†574.192 5**
plants **581.192+**
see also spec. organisms
med. sci.
animals
gen. wks. **636.089+**
see also spec. animals
man
gen. wks. **612.015 1**
see also spec. organs
cells *see* Cytology
chemistry 547.758
pharmacology
gen. wks. 615.35

Enzymes
pharmacology (continued)
veterinary 636.089+
see also spec. applications
Eoacanthocephala *see* Acanthocephala
Eoanura
gen. wks. 567.8
see also *s.s.*–015+
Eocene
epoch *see* Cenozoic era
Eolipile
engines *see* Engines
Eolithic
Age
gen. wks. †913.031 1
see also spec. subj.
Eoplacophora *see* Crepipoda
Eosuchia *see* Lepidosauria
Epacridaceae *see* Ericales
Epeirogeny *see* Plutonic phenomena
Ephedraceae *see* Gnetales
Ephedras *see* Gnetales
Ephemerides
astrology 133.55
astronomy 528
Ephemeroptera
paleozoology 565.73
zoology 595.734
Ephesians (N.T.) *see* Pauline epistles
Epicaridea *see* Isopoda
Epics
gen. wks. *see* Mythology
literature *see* Literature
Epidemic
cholera *see* Enteric diseases
diarrhea
pediatrics 618.929 3
pub. health 614.517
parotitis *see* Buccal diseases
roseola *see* Eruptive fevers
Epidemics
control measures
animals
gen. wks. 636.089+
see also spec. animals
man 614.49
see also Disasters
Epidemiology *see* Epidemics
Epiglottis
anatomy *see* Respiratory organs
diseases *see* Respiratory diseases
physiology *see* Respiration
speech organ *see* Speech organs
Epigrams
literature
gen. wks. 808.882
see also spec. lit.
see also Collected writings
Epigraphy *see* Paleography
Epilepsy
med. sci.
gen. wks. 616.853
pediatrics 618.928+
psychology
gen. wks. †157.1
pedology †155.45+
see also Mental hygiene
Epinastic
movements *see* Motor functions
Epinephrine *see* Endocrine drugs
Epipastics *see* External medicinals
Epiphany *see* Holy days
Epiphytes *see* Mesophytes
Epipolasida *see* Porifera
Epirus
ancient *area* –382
modern *area* –495 3
Episcia *see* Personales
Episcopacy *see* Episcopal system
Episcopal
churches *see* Anglican churches
palaces
architecture 726.9
construction 690.6+
system
clergy 262.17
government 262.3
Episiotomy *see* Pubiotomies
Epistemology *see* Knowledge
Epistle
of Jeremy
Apocrypha 229.5

Epistle
of Jeremy (continued)
liturgy
gen. wks. 264.3–.4
spec. denominations 264.01–.09
Epistles
liturgy
gen. wks. 264.3–.4
spec. denominations 264.01–.09
N.T.
gen. wks. 227
pseudepigrapha 229.93
see also Letters
Epitaphs
collections
gen. wks. 808.88
see also spec. literatures
genealogy 929.5
Epithelial
tissues *see* Histology
Epoxies *see* Polymerization plastics
Epsom
salt *see* Epsomite
Epsomite
mineralogy 549.755
see also Magnesium compounds
Equality
rights *see* Civil rights
Equations
algebra
abstract 512.82
gen. wks. 512.2
calculus 517.37–.38
***see also* s.s.–015+**
Equatoria Sudan *area* –629 5
Equatorial
telescopes *see* Extrameridional instruments
Equestrian
sports
customs 394.3
ethics 175
performance 798.2–.6
see also Horses
Equidae
paleozoology 569.72
zoology 599.725
Equilibrium *see* Statics
Equines *see* Horses
Equinia *see* Zoogenous diseases
Equinoxes *see* Seasons
Equipment *s.s.*–028
Equisetaceae *see* Sphenopsida
Equisetales *see* Sphenopsida
Equitation *see* Equestrian sports
Equity
law
internal 347.8
international 341.59
see also Capital goods
Erath Co. Tex. *area* –764 551
Erbium *see* Rare-earths
Erepsin *see* Enzymes
Erfurt Germany *area* –†432 2
Ergosterol *see* Steroids
Ergot
chemistry 547.72
pharmacology
animals
gen. wks. 636.089+
see also spec. animals
man 615.329+
see also spec. diseases
see also Ascomycetes
Ericaceae *see* Ericales
Ericales
botany 583.6
floriculture 635.933+
Erie (lake)
gen. wks. *area* –771 2
Ont. *area* –713 3
see also other areas
Erie Co.
N.Y. *area* –747 96
O. *area* –771 22
Pa. *area* –748 99
Eriobotrya *see* Loquats
Eriocaulaceae *see* Eriocaulales
Eriocaulales
botany 584.81
floriculture 635.934+
Eritrea *area* –635
Erzincan Turkey *area* –566 7
Eros (astronomy) *see* Minor planets
Eros (religion) *see* Classical religions
Erosion
soils *see* Soil erosion

Errantia *see* Polychaeta
Errhines *see* Respiratory drugs
Errors
calculations
gen. wks. 519.6
see also *s.s.*–015+
perception *see* Illusions
Erse *see* Celtic
Eruptive
fevers
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.91**
pediatrics **618.929+**
pub. health **614.52**
Erysipelas *see* Bacterial blood diseases
Erythrite
mineralogy 549.72
see also Cobalt geology
Erythrocytes
histology *see* Histology
Erythromycin *see* Antibiotics
Erythroxylaceae *see* Malpighiales
Erzurum Turkey *area* –566 2
Escalators *see* Materials-handling equipment
Escalloniaceae *see* Cunoniales
Escambia Co.
Ala. *area* –761 265
Fla. *area* –759 99
Escape
velocity
astronautics 629.415
biophysics *see* Biophysics
physics 531.555 2
Escharotics *see* External medicinals
Eschatology
Christian religion **236**
gen. wks. 291.23
see also other spec. rel.
Escheat *see* Nontax revenues
Esdras 1
apocrypha 229.1
O.T. *see* Ezra
see also Pseudepigrapha
Esdras 2
apocrypha 229.1
O.T. *see* Nehemiah
see also Pseudepigrapha
Eskimo
dogs *see* Working dogs
Eskimo-Aleut
ethnic groups *area* –174+
languages 497.1
lingual groups *area* –175+
see also other spec. subj.
Eskimos
history 970.1
see also Eskimo-Aleut
Eskisehir Turkey *area* –†563
Esmeralda Co. Nev. *area* –793 35
Esmeraldas Ecuador *area* –866 3
Esophageal
disorders
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.32**
pediatrics **618.923+**
surgery **617.548**
Esophagus
anatomy
animals
vet. sci. 636.089+
zoology 591.43
see also spec. animals
man 611.32
diseases *see* Esophageal disorders
physiology
animals
vet. sci. 636.089+
zoology 591.13
see also spec. animals
man 612.315
Esoteric
associations
gen. wks. 366.1–.5
see also **s.s.–06**
philosophy *see* Mysticism
traditions *see* Mystic traditions
Espaliers *see* Trees

Esparto
fibers *see* Basketry fibers
grasses
agriculture
economics 338.17+
technology 633.58
processing *see spec. products*
see also Pooideae
Esperanto *see* Artificial languages
Esperium *see* Rare-earths
Espionage
administration 355.343
criminology 364.131
ethics 172.4
law
internal 343.3+
international 341.31
pol. sci. 327.12
Espírito Santo Brazil *area* –815
Essays
literature
collections **808.84**
criticism **809.4**
rhetoric **808.4**
see also spec. lit.
see also Collected writings
Essence
metaphysics 111.1
religion
gen. wks. 213
see also spec. rel.
Essences
drugs *see* Medicinal solutions
oils *see* Essential oils
Essential
oils
agriculture
economics **338.17+**
technology **633.8**
chemistry 547.71
manufacture
economics 338.47+
technology 661.806
pharmacology
gen. wks. **615.3**
veterinary **636.089+**
see also spec. products
Essex Co.
Eng. *area* –426 7
Mass. *area* –744 5
N.J. *area* –749 31
N.Y. *area* –747 53
Ont. *area* –713 31
Vt. *area* –743 25
Va. *area* –755 34
Established
church *see* Theocracy
Estate
administration *see* Trust services
taxes *see* Taxation
Esterases *see* Enzymes
Esterification
chem. tech.
gen. wks. 660.284 4+
see also spec. products
chemistry 547.24
Esters
chemistry 547.038
manufacture
economics **338.47+**
technology **661.83**
pharmacology
gen. wks. **615.3**
veterinary **636.089+**
see also spec. products
Esther
deuterocanonical wks. **229.27**
O.T. **222.9**
Esthetics
arts
gen. wks. 701.17
literature 801.93
see also other spec. art forms
metaphysics 111.85
Estill Co. Ky. *area* –769 59
Estonia *area* –474 1
Estonian *see* Finnic
Estradiol *see* Endocrine drugs
Estremadura
Portugal ***area* –469 4**
Spain *area* –462 6
Estrogens *see* Endocrine drugs
Estrones *see* Endocrine drugs
Estuaries *see* Water bodies
Etching
glass
arts 748.6

Etching
glass (continued)
industry 666.1
graphic arts 767.2
see also other spec. subj.
Etchings
art *see* Prints
spec. subjects *see* Pictures
Eternal
life *see* Immortality
punishment *see* Hell
reward *see* Heaven
Eternity
metaphysics 115
religion
Christian †236.21
comparative 291.23
gen. wks. 218
see also other spec. rel.
Ethers
chemistry 547.035
manufacture
economics **338.47+**
technology **661.84**
pharmacology
gen. wks. **615.3**
veterinary **636.089+**
see also spec. products
Ethics
corruptions *see* Offenses
philosophy **170**
religion
Christian
applied **248.4**
gen. wks. **241**
comparative
applied 291.44
gen. wks. 291.5
see also other spec. rel.
Ethiopia
ancient *area* –397 8
modern *area* **–63**
Ethiopian
Church *see* Abyssinian Church
Ethiopic
ethnic groups *area* –174+
languages 492.8
lingual groups *area* –175+
see also other spec. subj.
Ethnic
groups
ethnology *see* Ethnology
geography **910.091+**
history **909.09+**
labor economics
indigenous **331.69**
nomindigenous **331.63**
pol. status **323.11+**
see also *area* **–174**
music
gen. wks. **781.71–.72**
see also spec. mediums
songs
music **784.75–.76**
singing **†784.96**
Ethnogeny *see* Ethnology
Ethnography *see* Ethnology
Ethnology
biology **572**
psychology **†155.82–.84**
sociology **301.451**
see also Genetics
Ethnopsychology *see* Ethnology
Etiquette
child training 649.6
military 355.13
social **395**
Etowah Co. Ala. *area* –761 67
Etruria *area* –375
Etruscan
ethnic groups *area* –174+
language 499.94
lingual groups *area* –175+
see also other spec. subj.
Etymology
gen. wks. 412
see also spec. languages
Eubacteriales
botany 589.95
culture 635.939+
Euboea Greece
ancient *area* –384
modern *area* –495 1
Eucalyptus
trees
culture 635.977+
forestry 634.973+
see also Myrtales
Eucharist *see* Sacraments

Eucharistic
music *see* Liturgical music
vessels
art 739.228 2
religion
gen. wks. 247.8
see also Sacraments
Euchre *see* Card games
Euciliata *see* Ciliophora
Euclidean
geometry
gen. wks. 513.1–.3
see also *s.s.*–015+
Eucoelomata
culture †639.75+
paleozoology 565.1
zoology 595.135
Eucommiaceae *see* Hamamelidales
Eucopepoda *see* Copepoda
Eucryphiaceae *see* Guttiferales
Eudemonism *see* Hedonism
Eudiometry *see* Gases
Euganoides *see* Lepisosteidae
Euglenaceae *see* Euglenophyta
Euglenoidina (animals) *see* Plasmodroma
Euglenoidina (plants) *see* Euglenophyta
Euglenoids (animals) *see* Plasmodroma
Euglenoids (plants) *see* Euglenophyta
Euglenophyta
botany 589.44
culture 635.939+
paleobotany 561.93
Euler
functions *see* Definite integrals
Eulogies *see* Biographies
Eumalacostraca
culture 639.5
paleozoology 565.37–.38
zoology **595.37–.38**
Eumycetozoa *see* Sarcodina
Eumycophyta *see* Mycophyta
Euphausiacea
culture 639.5
paleozoology 565.38
zoology 595.385
Euphoniums *see* Horns
Euphorbiaceae *see* Euphorbiales
Euphorbiales
botany 583.95
floriculture 635.933+
Euphrates Valley *see* Mesopotamia (Middle East)
Eupomatiaceae *see* Anonales
Eurasia *area* **–5**
Eure France *area* –442 4
Eure-et-Loir France *area* –445 1
Eureka Co. Nev. *area* –793 32
Europe
ancient *area* **–3**
modern *area* **–4**
European
chestnuts *see* Chestnuts
cholera *see* Enteric diseases
Europium *see* Rare-earths
Eurypterida
gen. wks. 565.391
see also *s.s.*–015+
Eurypygae *see* Gruiformes
Eurytania Greece *area* –495 1
Eusporangiated ferns
botany 587.33
floriculture 635.937+
paleobotany 561.73
Eustachian
tube
diseases
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man **617.86**
see also Middle ear
Eusuchia *see* Crocodilia
Eutectic
mixtures *see* Alloys
Euthanasia
crime *see* Offenses
ethics
gen. wks. 179.7
medical †174.24
Eutocia *see* Parturition
Eutychian
churches *see* Monophysite churches
Evangeline Par. La. *area* –763 57

Evangelism
Christian religion
devotional texts 243
organized 269.2
pastoral 253.7
gen. wks. 291.7
see also other spec. rel.
Evangelistic
music
gen. wks. 783.7
see also spec. mediums
Evans Co. Ga. *area* –758 763
Evaporating
techniques *see* Evaporation
Evaporation
chem. tech. *see* Unit operations
food preservation *see* Food preservation
transformation *see* Physical transformations
Evapotranspiration *see* Physical transformations
Evening
colleges *see* Colleges
prayer *see* Divine Office
primroses *see* Lythrales
schools *see* Adult education
Everglades Fla. *area* –759 39
Evergreen
conifers *see* Coniferous trees
Everlasting
flowers *see* Everlastings
life *see* Immortality
Everlastings
culture 635.973
see also Asterales
Evidence
law *see* Judicial system
Evil
metaphysics 111.84
religion
gen. wks. 216
see also spec. rel.
Evils
ethics 179.8
religion
Christian 241.3
gen. wks. 291.5
see also other spec. rel.
Evil-spirits *see* Demonology
Evolution
mathematics
algebra 512.7
arithmetic 511.7
see also *s.s.*–015+
organic *see* Organic evolution
philosophy
ethics 171.7
gen. wks. 146.7
metaphysics 111
psychology †155.7
religion
gen. wks. 213
see also spec. rel.
Evolutionary
socialism *see* Socialistic states
Evolutionism *see* Evolution
Évora Portugal *area* –469 52
Ewe *see* Niger-Congo
Ewes *see* Sheep
Exanthema *see* Eruptive fevers
Excavation
archeology
gen. wks. †913.031 028 3
see also spec. places
engineering
gen. wks. 624.152
highways 625.733
mining *see* Underground mining
railroads 625.123
see also other spec. branches
Excelsior *see* Wood residues
Exceptional
children
education 371.9
home care 649.15
psychology †155.45
sociology
gen. wks. 301.47
welfare services 362.74–.78
Exchange
of goods *see Trade* (activity)
of prisoners *see* War prisoners
of students *see* Student exchange programs
rates *see* Foreign exchange

Exchanges
books
library functions †025.26
state aid 021.85
see also Procurement
Exchequers *see* Executive departments
Excise
taxes *see* Taxation
Excretion
biology
animals 591.14
gen. wks. 574.14
plants 581.14
see also spec. organisms
cells *see* Cytology
med. sci.
animals
gen. wks. 636.089+
see also spec. animals
man
digestive 612.36
urinary 612.467
Excretory
disorders
animals
gen. wks. 636.089+
see also spec. animals
man
gen. wks.
digestive 616.342
urinary 616.6
pediatrics
digestive 618.923+
urinary 618.926
surgery
digestive 617.55
urinary 617.46
organs
anatomy
biology
animals 591.44
gen. wks. 574.4
plants 581.44
see also spec. organisms
med. sci. *see spec. organs*
diseases *see* Excretory disorders
physiology *see* Excretion
Executive
branch
government administration
gen. wks. 350.003
see also spec. levels of govt.
department buildings *see* Government buildings
departments
gen. wks. 350.004
spec. depts. 350.01–.08
see also spec. levels of govt.
management
business 658.4
government *see* Executive branch
mansions *see* Government buildings
messages
government
gen. wks. 350.003 5
see also spec. levels of govt.
Exegesis
Bible
gen. wks. 220.66
see also spec. parts
Exercises
calisthenics *see* Gymnastics
mechanotherapy *see* Mechanotherapy
Exhalation *see* Respiration
Exhaust
fans *see* Blowers
Exhaust-driven
turbines *see* Gas-turbine engines
Exhibition
buildings
architecture 725.91
construction
economics 338.47+
technology 690.5+
housekeeping 647.96+
Exhibitionism
sexual *see* Sexual disorders
trait *see* Personality
Exhibitions *see* Exhibits

Exhibits
advertising *see* Display advertising
museums 069.5
sales promotion *see* Sales promotion
temporary *see* Fairs
see also **s.s.–074**
Exiles *see* Displaced persons
Existence
metaphysics 111.1
religion
gen. wks. 213
see also spec. rel.
Existential
psychology *see* Existentialism
Existentialism
philosophy †142.7
psychology 150.192
Exocrine
glands *see* Glands
Exocycloida *see* Echinoidea
Exodus
O. T. See Pentateuch

Exogamy *see* Marriage
Exophthalmic
goiter *see* Endocrine disorders
Exorcists *see* Sorcerers
Exothermic
reactions *see* Thermochemistry
Expansion
business *see* Production
thermal *see* Thermal properties
Expatriation
laws †340
pol. sci. 323.64
Expectation *see* Probabilities
Expectorants *see* Respiratory drugs
Expeditionary
forces *see* Combat units
Expeditions *see* Travels
Expenditure
personal *see* Cost of living
private *see* Financial administration

Expenditure (continued)
public *see* Public expenditure
Expenditures *see* Financial administration
Experimental
animals
culture
gen. wks. 636.088 5
see also spec. animals
medicine *see* Experimental medicine
design *see* Operations research
medicine
animals **636.089+**
man **619**
method *see* Project method
models *see* Operations research
psychology
gen. wks. **†152**
see also spec. aspects
Expert
accounting *see* Public accounting
Expertizing *see spec. subj.*
Explorations
geography *see* Geography
history *see history of spec. places*
travel *see* Travels
Exploratory
operations
mining *see* Prospecting
surgery *see* Surgery
Explosions
chemistry
gen. wks. 541.361–.362
organic 547.1+
historic events
gen. wks. 904.7
see also spec. places
physics
heat **536.41**
mechanics 533.2
prevention
mining †622.81
pub. health meas. 614.831–.832
see also Disasters

Explosives
govt. control *see* Public order
manufacture
economics 338.47+
technology
gen. wks. **662.2**
military eng. **623.452**
mil. sci.
gen. wks. 355.82
see also spec. mil. forces
Exponents (mathematics) *see* Involution
Export
taxes *see* Customs (taxes)
trade *see* Trade (activity)
Exposition
buildings *see* Exhibition buildings
grounds *see* Recreational land
Expository
writing *see* Rhetoric
Exposure
of dead *see* Funeral rites
Exposure-meters
photography *see* Cameras
radiography *see* Radiography
Express
highways *see* Trafficways
Expropriation
economics
gen. wks. **338.9**
land 333.13
govt. control
gen. wks. **350.8**
see also spec. levels of govt.
see also Procurement
Ex-servicemen's
benefits *see* Postmilitary benefits
Extemporization *see* Improvisation
Extended
coverage
insurance *see* Allied fire insurance lines
Extension
education
adult
gen. wks. **374**

Extension
education
adult (continued)
see also **s.s.–071 5**
govt. control
gen. wks. †350.85
see also spec. levels of govt.
higher
gen. wks. †378.155 4
see also **s.s.–071 1**
libraries 021.62
Exterior
ballistics *see* Ballistics
External
ear
anatomy
animals
vet. sci. 636.089+
zoology 591.48
see also spec. animals
man 611.85
diseases
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man **617.81**
physiology
animals
vet. sci. 636.089+
zoology 591.18
see also spec. animals
man 612.851
medication
med. sci. 615.67
vet. sci.
gen. wks. **636.089+**
see also spec. animals
see also spec. diseases
medicinals
pharmacodynamics
med. sci. **615.77**
vet. sci.
gen. wks. **636.089+**
see also spec. animals
see also Pharmacology
External-combustion
engines
engineering
economics 338.47+

External-combustion
engines
engineering (continued)
technology
gen. wks. 621.41
see also spec. branches
see also spec. applications
Exterritoriality *see* Diplomacy
Extinct
animals *see* Paleozoology
plants *see* Paleobotany
Extortion *see* Defrauding
Extortionists *see* Offenders
Extraction
chem. tech. *see* Unit operations
obstetrical *see* Obstetrical surgery
Extractive
industries *see* Primary industries
metallurgy *see* Metallurgy
Extracts (drugs) *see* Medicinal solutions
Extracurricular
activities *see* Student life
Extragalactic
systems *see* Cosmology
Extralin *see* Endocrine drugs
Extrameridional instruments
astronomy **522.4**
manufacture
economics 338.47+
technology 681.2
see also spec. applications
Extrapolations *see* Finite differences
Extrasensory
perception
entertainment 793.8
parapsychology **133.8**
Extraterritorial
crime *see* Offenses
Extrauterine
pregnancies
animals
vet. sci. 636.089+
zoology 591.2
see also spec. animals
man 618.31
Extreme
Unction *see* Sacraments
Extruding
fibers *see* Man-made textiles
metals *see* Drawing metals
plastics *see* Plastics
Eye
sockets
anatomy
animals
vet. sci. 636.089+
zoology 591.48
see also spec. animals
man 611.84
diseases
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man **617.78**
physiology
animals
vet. sci. 636.089+
zoology 591.18
see also spec. animals
man 612.84
Eyeball
anatomy
animals
vet. sci. 636.089+
zoology 591.48
see also spec. animals
man 611.84
disorders
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man **617.74**
physiology
animals
vet. sci. 636.089+
zoology 591.18
see also spec. animals
man 612.844
Eyeglasses
customs 391.44
manufacture
economics 338.47+
technology 681.411

Eyeglasses (continued)
marketing 658.809+
optometry *see* Optometry
Eyelid
disorders
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man **617.771**
Eyelids
anatomy
animals
vet. sci. 636.089+
zoology 591.48
see also spec. animals
man 611.84
diseases *see* Eyelid disorders
physiology
animals
vet. sci. 636.089+
zoology 591.18
see also spec. animals
man 612.847
Eyes
anatomy
animals
vet. sci. 636.089+
zoology 591.48
man 611.84
diseases *see* Ocular disorders
physiology
animals
vet. sci. **636.089+**
zoology 591.18
see also spec. animals
man **612.84**
Ezechiel *see* Ezekiel
Ezekiel (O.T.)
gen. wks. **224.4**
see also Pseudepigrapha
Ezra (O.T.)
gen. wks. **222.7**
see also Pseudepigrapha

F

FM
systems *see* Telecommunication
Fabaceae *see* Leguminosae
Fabian
socialism *see* Ideal states
Fables *see* Mythology
Fabrication *see* Manufactures
Fabrics *see* Textiles
Façades
architecture **729.1**
construction
economics 338.47+
technology
carpentry 694.22
gen. wks. 690.1+
see also spec. structures
Face
creams *see* Cosmetics
powders *see* Cosmetics
Facials *see* Cosmetics
Facsimile
production *see* Photoduplication
telegraphy *see* Telecommunication
Factoring
arithmetic 511.3
see also *s.s.*–015+
Factorization
abstract *see* Numbers (symbols)
Factory
buildings *see* Industrial buildings
management *see* Production management
operations
economics 338.47+
technology
gen. wks. **621.7**
see also spec. branches
salesmanship *see* Salesmanship
ships *see* Merchant ships
systems *see* Big businesses
waste *see* Waste
Faculae *see* Solar astronomy
Faculty (schools) *see* School organization
Faculty psychology
gen. wks. 150.192
see also spec. aspects
Fads *see* Group behavior
Faeroes *area* –491 5
Fagaceae *see* Fagales

Fagales
botany 583.97
floriculture 635.933+
Fagopyrum *see* Buckwheat
Failings *see* Evils
Fair
buildings *see* Exhibition buildings
Fairbanks election district Alaska *area* –798 6
Fairfax Co. Va. *area* –755 29
Fairfield Co.
Conn. *area* –746 9
O. *area* –771 58
S.C. *area* –757 49
Fairgrounds *see* Recreational land
Fairies *see* Supernatural beings
Fairs
advertising *see* Display advertising
business *see* Distribution channels
description **914–919**
soc. customs 394.6
see also *s.s.*–074
Fairy
tales *see* Mythology
Faith
metaphysics 121.7
religion
Christian 234.2
gen. wks. 291.22
see also other spec. rel.
Faith healing
gen. wks. 615.852
see also spec. diseases
Fake
scorpions
agricultural pests 632.6+
culture 639.7
see also Pseudoscorpiones
Falangism *see* Fascist states
Falangist
state *see* Fascist states
Falcón Venezuela *area* –872
Falcones *see* Falconiformes
Falconiformes
paleozoology 568.9
zoology **598.9**
Falcons *see* Hawks
Falkland Isls. *area* –971
Fall River Co. S.D. *area* –783 97
Fall
of man *see* Sins
Fallen
angels *see* Demonology
Falling
bodies *see* Gravity
stars *see* Meteors
Fallon Co. Mont. *area* –786 35
Fallopian
tubes
anatomy *see* Reproductive organs
diseases *see* Gynecology
physiology *see* Reproduction
Fallowing
gen. wks. 631.581
see also spec. crops
Falls Church Va. *area* –755 293
Falls Co. Tex. *area* –764 286
False
hemp *see* Cucurbitales
mermaids *see* Geraniales
tubers *see* Lycoperdales
Falster Denmark *area* –489 3
Family (institution)
customs **392.3**
ethics 173
law 347.6
sociology
gen. wks. **301.42**
welfare services †362.82
Family
counseling *see* Counseling
histories *see* Genealogy
libraries
gen. wks. **027.1**
see also spec. functions
meals *see* Meals
prayer
Christian religion 249
gen. wks. 291.43
see also other spec. rel.
rooms *see* Rooms
worship *see* Family prayer
Famines *see* Disasters
Fancy-weave
fabrics
manufacture
economics **338.47+**
technology **677.61**

Fancy-weave
fabrics (continued)
marketing 658.809+
see also spec. applications
Fancywork *see* Embroidery
Fan-jet
engines *see* Jet engines
Fannin Co.
Ga. *area* –758 29
Tex. *area* –764 265
Fans
mechanical *see* Blowers
ornamental
arts 736.7
customs 391.44
manufacture
economics 338.47+
technology 688
marketing 658.809+
see also spec. materials
Fan-tan *see* Card games
Fantasies *see* Daydreams
Far East *area* **–5**
Farce *see* Drama
Farcy *see* Zoogenous diseases
Faribault Co. Minn. *area* –776 22
Farm
animals *see* Livestock
buildings
architecture 728.9
construction
economics 338.47+
technology 690.8+
farming **631.2**
see also Farmhouses
credit *see* Credit
forestry
economics 338.17+
technology 634.999
land
agriculture *see* Soils
economics *see* Agricultural land
Farmhouses
architecture 728.67
construction
economics 338.47+
technology 690.8+
farming 631.21
Farming
areas *see* Agricultural areas
occupation
economics **338.1**
technology **631**
Farmyard
manures *see* Manure fertilizers
Faro Portugal *area* –469 6
Faro *see* Card games
Faroese *see* Germanic
Farquhar Isls. Indian Ocean *area* –694
Fars Iran *area* –557
Fascism *see* Fascist states
Fascist
states
economics 335.6
pol. sci. †321.94
see also spec. areas
Fashion
drawing *see* Commercial art
modeling
advertising *see* Display advertising
clothing *see* Costume
movements *see* Group behavior
personal appearance *see* Costume
Fast
days
customs 394
folklore 398.33
religion *see* Holy days
Fasteners *see* Fastenings
Fastening-machinery
engineering
economics 338.47+
technology
gen. wks. 621.97+
see also spec. branches
see also spec. applications
Fastenings
engineering
economics **338.47+**
technology
gen. wks. **621.88**

Fastenings
engineering
technology (continued)
materials
gen. wks. 620.112 87
see also spec. materials
see also spec. applications
locksmithing *see* Locksmithing
see also Notions
Fasting
religion *see* Religious experience
therapy *see* Dietotherapy
Fatalism
philosophy 149.8
religion
gen. wks. 214
see also spec. rel.
Fatality *see* Death
Fate *see* Determinism
Fatherhood *see* Parenthood
Fathers *see* Parenthood
Fatigue (human)
perception *see* Proprioceptive perceptions
studies
production *see* Operational management
psychology †158.7
Fatigue (mechanical) *see* Deformation
Fats
chemistry 547.43+
food
livestock
gen. wks. 636.085 2
see also spec. animals
man
gen. wks. 641.14
hygiene 613.2
processing
economics 338.47+
technology
edible 664.3
industrial 665.2–.3
see also spec. uses
Fatty
compounds *see* Aliphatic compounds
degeneration *see* Nutritional diseases
Faulk Co. S.D. *area* –783 2
Faulkner Co. Ark. *area* –767 74
Faults
geological
gen. wks. 551.87
see also spec. ores
personal *see* Evils
Fauna *see* Animals
Fauquier Co. Va. *area* –755 275
Faust
legends *see* Mythology
Fayette Co.
Ala. *area* –761 87
Ga. *area* –758 426
Ill. *area* –773 797
Ind. *area* –772 62
Ia. *area* –777 35
Ky. *area* –769 47
O. *area* –771 81
Pa. *area* –748 84
Tenn. *area* –768 21
Tex. *area* –764 251
W.Va. *area* –754 71
Fear *see* Emotions
Fearlessness *see* Courage
Feast
days
religious *see* Holy days
secular *see* Holidays
Feasting *see* Eating-customs
Feather
products
manufacture
economics 338.47+
technology 679.47
marketing 658.809+
see also spec. applications
Febrifuges *see* Antipyretics
Federal
governments *see* Central governments
states
pol. sci. 321.02
see also spec. areas
Federalism *see* Federal states
Federalist
Party *see* Political parties

Feeble-minded
children *see* Exceptional children
Feeblemindedness *see* Mental deficiency
Feedback
electronics *see* Circuitry
systems *see* Closed-loop control systems
Feeding
boilers *see* Boiler-house practices
children
gen. wks. 649.3
see also Special-purpose cookery
invalids
cookery *see* Special-purpose cookery
gen. wks. *see* Nursing
livestock
gen. wks. 636.084
see also spec. animals
Feed-water
treatment
gen. wks. *see* Boiler-house practices
locomotive boilers 621.133
Feeling
tone *see* Feelings
Feelings
psychology
animals †156.2+
gen. wks. †152.44
religion †200.19
Fees
compensation *see* Wages
revenue *see* Taxation
Feldspars
mineralogy 549.68
synthetic *see* Synthetic minerals
see also Clays
Felidae
paleozoology 569.74
zoology 599.744 28
Fellowships
education 378.33
gen. wks. †001.44
see also *s.s.*–079
Feloidea
paleozoology 569.74
zoology 599.744 2
Felonies *see* Offenses
Felsites *see* Volcanic rocks
Felt
hats *see* Felts
Felting *see* Felts
Felts
manufacture
economics **338.47+**
technology **677.62–.63**
marketing **658.809+**
see also spec. applications
Feluccas *see* Sailing craft
Female
climacteric *see* Climacteric
figure *see* Human figure
sex organs *see* Reproductive organs
sterility *see* Sterility
Feminism *see* Women
Femininity *see* Sex differences
Femur *see* Bones
Fences
farms *see* Farm buildings
landscape element 717
Fencing
ethics 175.6
mil. sci. *see* Training maneuvers
sports
management 658.91+
performance 796.86
Fennel
agriculture
economics 338.17+
technology 633.82
food 641.338+
marketing 658.809+
processing *see spec. products*
see also Umbelliflorae
Fens Eng. *area* –425
Fentress Co. Tenn. *area* –768 69
Fergus Co. Mont. *area* –786 29
Fermanagh Ireland *area* –416 8
Fermat's
theorem *see* Numbers (symbols)

Fermentation
chem. tech.
gen. wks. 660.284 4+
see also spec. products
chemistry 547.29
Ferments
biochemistry *see* Biochemistry
drugs *see* Enzymes
Fermium *see* Rare-earths
Fernando
de Noronha Brazil *area* –813
Po *area* –669 91
Ferns *see* Filicales
Ferrara Italy *area* –454 5
Ferric *see* Iron compounds
Ferrimagnetism *see* Magnetic properties
Ferro-alloying
metals
chemistry *see spec. metals*
geology
gen. wks. 553.46
mineralogy *see spec. minerals*
industries
manufacturing
economics 338.47+
technology 673.73
metallurgy
economics 338.47+
technology 669.73
mining
economics 338.27+
technology 622.346
metallography *see* Ferro-alloying metals properties
mineralogy *see spec. minerals*
mining *see* Ferro-alloying metals industries
products *see spec. subj.*
properties
chemistry *see spec. metals*
engineering 620.189 3
metallography 669.957+
see also Radiochemistry
Ferroconcrete
blocks *see* Artificial stones
Ferromagnetism *see* Magnetic properties
Ferroprussiate
process *see* Special-process photography
Ferrotype
process *see* Special-process photography
Ferrous *see* Iron
Ferrum *see* Iron
Ferry Co. Wash. *area* –797 25
Ferry
houses *see* Transportation buildings
Ferryboats *see* Small craft
Fertilizer
spreaders *see* Planting equipment
Fertilizers
agriculture
gen. wks. 631.8
see also spec. crops
extraction
economics 338.27+
mining 622.36+
geology
gen. wks. 553.64
mineralogy *see spec. minerals*
manufacture
economics 338.47+
technology 668.62–.63
marketing 658.809+
Fescue
grasses *see* Pooideae
Festival
music
gen. wks. 780.79
see also spec. mediums
Festivals
gen. wks. *see* Pageants
religion *see* Holy days
Festuceae *see* Pooideae
Fetal
abnormalities
animals
vet. sci. 636.089+
zoology 591.2
see also spec. animals
man 618.32
appendages *see* Embryology
deaths *see* Abortion

Fetal (continued)
dystocia *see* Dystocia
extraction *see* Obstetrical surgery
mutilation *see* Embryotomy
version *see* Obstetrical surgery
Fêtes *see* Pageants
Fetishism
common *see* Superstitions
sexual *see* Sexual disorders
Fetus *see* Embryology
Feudal
states
pol sci. 321.3
see also spec. areas
tenure *see* Private land
Fever
therapy *see* Thermotherapies
Feverbushes *see* Garryales
Fevers
diseases
animals
vet. sci. 636.089+
zoology 591.2
see also spec. animals
man
medicine 616.926
pediatrics 618.929+
pub. health 614.5
see also spec. fevers
symptomatology *see* Symptomatology
Fezzan *area* –613
Fiat
money *see* Noncommodity money
Fiber
glass *see* Mineral textiles
Fiberboards *see* Pulp products
Fibers
agriculture
economics 338.17+
technology 633.5
manufacture *see* Textiles
Fibrin
products *see* Blood products
Fibrogen *see* Blood products
Fibrous
cartilage *see* Histology
tissues *see* Histology
Fibrous (continued)
tunics
anatomy
animals
vet. sci. 636.089+
zoology 591.48
see also spec. animals
man 611.84
diseases
conjunctiva *see* Conjunctival disorders
cornea *see* Corneal disorders
sclera *see* Scleral disorders
physiology
animals
vet. sci. 636.089+
zoology 591.18
see also spec. animals
man 612.841
Fibrovascular
bundles *see* Circulatory organs
Fibula *see* Bones
Ficoidaceae *see* Caryophyllales
Fiction
collections 808.83
criticism 809.3
rhetoric 808.3
see also spec. lits.
Ficus
carica *see* Figs
elastica
latex *see* Elastomers
trees *see* Rubber trees
Fidelity
bonds
insurance 368.83
see also Financial institutions
Fiduciary
bonds *see* Surety bonds
money *see* Noncommodity money
Field
artillery
forces *see* Artillery forces
pieces *see* Artillery (pieces)
athletics *see* Track athletics

Field (continued)
cores *see* Electromagnets
crops
agriculture
economics **338.17+**
technology **633**
fodder
gen. wks. 636.086
see also spec. animals
food
cookery **641.6+**
gen. wks. **641.33**
preservation
commercial **664.8**
home **641.41–.47**
marketing 658.809+
processing *see spec. products*
glasses
manufacture
economics 338.47+
technology 681.412
marketing 658.809+
see also spec. applications
hockey *see* Mallet games
peas
agriculture
economics 338.17+
technology **633.369**
fodder
gen. wks. 636.086
see also spec. animals
see also Leguminosae
salesmanship *see* Salesmanship
service
mil. sci.
gen. wks. **355.41**
see also spec. services
see also hist. of spec. wars
theories
physics
gen. wks. **530.14**
see also spec. applications
psychology
gen. wks. 150.198 4
see also spec. applications
work *see* Laboratory methods

Fields (algebra) *see* Numbers (symbols)
Fife Scotland *area* –413 3
Fifes *see* Flutes
Fighter
commands *see* Air forces
Fighters (aircraft) *see* Heavier-than-air aircraft
Fighting
sports *see* Boxing
Fighting-animals *see* Sporting-animals
Figs
agriculture
economics 338.17+
technology **634.37**
food 641.34+
marketing 658.809+
processing *see spec. products*
see also Urticales
Figure
skating *see* Ice sports
Figured
bass realization *see* Composition
Figworts *see* Personales
Fiji Isls. *area* –961 1
Filariae *see* Nematoidea
Filariasis *see* Nematoda infestations
Filberts
agriculture
economics 338.17+
technology **634.54**
food 641.34+
marketing 658.809+
processing *see spec. products*
see also Fagales
Filet
lace *see* Openwork fabrics
Filicales
botany 587.31
floriculture 635.937+
paleobotany 561.73
Filicineae
botany **587.3**
floriculture **635.937**
paleobotany 561.73

Filing
systems
business offices †651.53
library services 025.37
Filing-machinery *see* Abrading-machinery
Filipino *see* Austronesian
Fillmore Co.
Minn. *area* –776 16
Neb. *area* –782 34
Film
music *see* Motion-picture music
Films
acoustic devices *see* Electroacoustical devices
gen. wks. *see* Surface phenomena
photographic *see* Photosensitive surfaces
Filmslide
projection *see* Photographic projection
Filmstrip
projection *see* Photographic projection
Filmstrips
gen. wks. *see* Motion-picture films
teaching aids *see* Audio-visual materials
Filmy
ferns *see* Filicales
Filter
papers *see* Paper products
Filtering
chem. tech. *see* Unit operations
electronics *see* Circuitry
Filters
gen. wks. *see* Process equipment
photography *see* Cameras
Filtration
chem. tech. *see* Unit operations
Final
cause *see* Teleology
location surveys *see* Surveying

Finance
departments *see* Executive departments
economics
gen. wks. **332**
public **336**
see also Financial administration
Financial
accounting
economics 338.47+
technology 657.3
administration
business **†658.15**
government
gen. wks. **350.71–.72**
see also spec. levels of govt.
local Christian church 254.8
personal *see* Cost of living
economics *see* Finance
institution
buildings *see* Commercial buildings
institutions
economics
cooperatives 334.2
gen. wks. **332.1–.3**
govt. control
gen. wks. †350.825
see also spec. levels of govt.
management **658.91+**
see also Investment institutions
management *see* Financial administration
Finbacks *see* Mysticetes
Finches
culture 636.686 2
see also Fringillidae
Fine
particles *see* Particles
Fines
punishment *see* Punishments
revenue *see* Nontax revenues
Finger Lakes N.Y. ***area*** **–747 8**
Finger
painting *see* Painting arts
paintings *see* Paintings
rings *see* Jewelry

Fingerprints *see* Anthropometry
Finish
carpentry *see* Structural woodworking
Finishing
schools *see* Secondary schools
Finistère France *area* –441 1
Finite
metaphysics 125
religion
gen. wks. **210**
see also spec. rel.
Finite differences
calculus 517.6
see also *s.s.*–015+
Finland ***area* –471**
Finney Co. Kan. *area* –781 44
Finnic
ethnic groups ***area* –174+**
languages **494.53–.55**
lingual groups ***area* –175+**
see also other spec. subj.
Finnish *see* Finnic
Finnmark Norway *area* –484 5
Finno-Ugric
ethnic groups ***area* –174+**
languages **494.5**
lingual groups ***area* –175+**
see also other spec. subj.
Fins
aircraft *see* Airfoils
anatomy *see spec. organisms*
ships *see* Nautical equipment
Finsbury London *area* –421 2
Fiqh *see* Religious law
Fir
trees
culture 635.977+
forestry 634.975 4
see also Coniferales
Fire
alarms *see* Alarm systems
control *see* Gunnery
engines *see* Pumps
etching *see* Wood carvings
extinction *see* Fire fighting
Fire (continued)
fighting
engineering
economics 338.47+
technology 628.92
equipment
airports
gen. wks. 629.136 8
military 623.66+
engineering *see spec. items*
pub. health 614.843
insurance
gen. wks. **368.11**
see also Financial institutions
phenomena
ancient mysteries 135.42
folklore
hist. & criticism 398.364
legends 398.2
prevention *see* Fire protection
protection
construction *see spec. structures*
govt. control
gen. wks. 350.782
see also spec. levels of govt.
schools *see* Hygiene
technology **614.84**
stations *see* Government buildings
see also Fires
Firearms
art metalwork **739.74**
customs *see* War customs
govt. control *see* Public order
manufacture
economics **338.47+**
technology **623.4**
mil. sci.
gen. wks. 355.82
tech. forces *see* Technical forces
see also spec. mil. branches
Fireballs *see* Meteors
Fireboats *see* Special-purpose vessels

Fire-clays *see* Refractory materials
Fireless
cookery *see* Special-equipment cookery
Firenze Italy *area* –455 1
Fireplace
wood *see* Sawmill products
Fireplaces
heating *see* Radiative heating
indoors *see* Heating-equipment
outdoors
architecture 728.9
construction 690.8+
landscape element 717
Fireproof
construction *see* Resistant construction
fabrics *see* Flame-resistant fabrics
Fire-resistant
construction *see* Resistant construction
fabrics *see* Flame-resistant fabrics
paints *see* Special-purpose paints
Fires
historic events
gen. wks. **904**
see also spec. places
see also Disasters
Fireworks
customs 394.2
manufacture
economics 338.47+
technology 662.1
recreation 791.6
Firing
boilers *see* Boiler-house practices
guns *see* Gunnery
Firing-mechanisms *see* Detonators
Firs *see* Coniferales
First-aid *see* Rescue operations
First-day
schools *see* Religious training
Fiscal
policy *see* Financial administration
Fischer-Tropsch
process *see* Synthetic fuels
Fish
fertilizers *see* Abattoir fertilizers
hatcheries *see* Fishes
lice *see* Copepoda
oils *see* Fixed oils
ponds *see* Water bodies
Fisher Co. Tex. *area* –764 732
Fisheries *see* Fishing
Fishes
culture **639.3**
food *see* Seafood
hunting *see* Fishing
see also Pisces
Fishhooks *see* Recreational equipment
Fishing
industries
technology **639.2**
see also Primary industries
sports
activity **799.1**
equipment *see* Recreational equipment
Fish-liver
oils
marketing 658.809+
pharmacology
med. sci. 615.34
vet. sci.
gen. wks. 636.089+
see also spec. animals
see also spec. diseases
Fishnets *see* Knotted fabrics
Fishplates *see* Fastenings
Fission
biological *see* Reproduction
nuclear *see* Nuclear energy
Fissionable
materials
geology
gen. wks. 553.493
mineralogy *see spec. minerals*

Fissonable
materials (continued)
mining industries
economics 338.27+
technology 622.349+
nuclear industries
economics 338.47+
technology 621.483 35
see also spec. elements
metals *see* Fissionable materials
Fission-plants *see* Schizophyta
Fission-reactors *see* Nuclear reactors
Fissipeda
paleozoology 569.74
zoology 599.744
Five
hundred *see* Card games
Five-and-ten
cent stores *see* Retail marketing
Fixation
techniques
art
gen. wks. 701.8
see also spec. art forms
biology *see* Slide preparation
Fixed
oils
agriculture
economics 338.17+
technology 633.85
chemistry 547.43+
food
livestock
gen. wks. 636.085 2
see also spec. animals
man
hygiene 613.2
gen. wks. 641.14
pharmacology
gen. wks. 615.3
veterinary 636.089+
processing
economics 338.47+
technology
edible 664.3
industrial 665
see also spec. products
Fixtures
mechanical *see* Jigs
plumbing *see* Plumbing
Flabellifera *see* Isopoda
Flacourtiaceae *see* Bixales
Flag
Day *see* Holidays
signals *see* Communication systems
Flagellariaceae *see* Commelinales
Flageolets *see* Flutes
Flagler Co. Fla. *area* –759 19
Flags
gen. wks. 929.9
see also spec. applications
Flagstones *see* Building stones
Flame
tests *see* Blowpipe analysis
throwers *see* Small arms
violets *see* Personales
Flameproof
fabrics *see* Flame-resistant fabrics
Flame-resistant
fabrics
manufacture
economics 338.47+
technology 677.689
marketing 658.809+
see also spec. applications
Flamingos
conservation 639.97+
culture 636.6
hunting
industries 639.12+
sports 799.248+
see also Ciconiiformes
Flammable
materials
safety measures
govt. control
gen. wks. 350.75
see also spec. levels of govt.
pub. health 614.831
see also spec. materials
Flanders
Belgium *area* –493 1
France *area* –442 8

Flangers
machinery *see* Turning-machinery
railroads *see* Trains
Flannels *see* Felts
Flaps
aircraft *see* Airfoils
Flares
chromospheric *see* Solar astronomy
Flash-bulb
photography *see* High-speed photography
Flashings *see* Weatherings
Flat
racing
horses *see* Equestrian sports
roofs *see* Roofs
Flatboats *see* Hand-propelled craft
Flatcars *see* Trains
Flathead
Co. Mont. *area* –786 82
Lake Mont.
gen. wks. *area* –786 83
see also other areas
Flatirons *see* Household appliances
Flats *see* Residential buildings
Flattery
ethics 177.3
etiquette 395
Flatware *see* Tableware
Flatworms
culture †639.75+
see also Platyhelminthes
Flavoring
herbs *see* Herbs
salts *see* Food salts
Flax
fibers
agriculture
economics 338.17+
technology 633.52
textiles *see* Linen
see also Geraniales
Flaxseed
oil *see* Fixed oils
Fleas
agricultural pests 632.7+
culture 638.57+
Fleas (continued)
disease carriers *see* Disease carriers
see also Siphonaptera
Fleets *see* Organizational units
Fleming Co. Ky. *area* –769 56
Flemish *see* Germanic
Flettner
rotors *see* Wind engines
Flexibilia *see* Crinoidea
Flexible
connections
power transmission
engineering
gen. wks. 621.85
see also spec. branches
physics 531.8
see also spec. applications
Flickers *see* Piciformes
Flies (fishhooks) *see* Recreational equipment
Flies (insects)
agricultural pests 632.7+
culture 638.57+
disease carriers *see* Disease carriers
see also Diptera
Flight
engineering
economics 338.47+
technology
aircraft 629.132 5
spacecraft 629.45
Flights *see* Travels
Flint
Co. Wales *area* –429 35
River (Ga.)
gen. wks. *area* **–758 9**
see also other areas
River (Mich.)
gen. wks. *area* –774 37
see also other areas
Flint
abrasives *see* Abrasive materials
Floater
insurance *see* Transportation insurance
Floating
airports *see* Airports

Floating (continued)
bridges *see* Pontoon bridges
debts *see* Public securities
docks *see* Shipyards
foundations *see* Foundations (structures)
mines *see* Low-velocity projectiles
Floatplanes *see* Heavier-than-air aircraft
Flocculi *see* Solar astronomy
Flock
books *see* Pedigrees
Flood
control
engineering
economics 338.47+
technology 627.4
govt. control
gen. wks. 350.86
see also spec. levels of govt.
waters *see* Ground waters
Floodlighting *see* Illumination
Floods *see* Disasters
Flood-warning
systems *see* Alarm systems
Floor
covering
construction details
economics 338.47+
technology 698.9
see also spec. applications
Flooring
lumber *see* Pattern lumber
Floors
architecture 721.6
construction
economics 338.47+
technology
carpentry 694.26
gen. wks. 690.1+
interior decoration
art 747.4
home economics 645.1
painting 698.146
see also spec. structures
Flora *see* Botanical sciences
Floral
arts
arrangements †745.92
landscape design 715–716
Floral (continued)
oils *see* Cosmetics
waters *see* Cosmetics
Florence, Italy *see* Firenze
Florence Co.
S.C. *area* –757 84
Wis. *area* –775 32
Flores Uruguay *area* –895 2
Floriculture
economics 338.17+
technology 635.9
Florida (state) *area* –759
Florida Uruguay *area* –895 2
Florideae *see* Rhodophyta
Flotation
methods
chem. tech. *see* Unit operations
mining *see* Ore dressing
Flotillas *see* Organizational units
Flours *see spec. kinds*
Flower
arrangement
gen. wks. *see* Floral arts
table decor *see* Table decor
gardening *see* Floriculture
Flowering
ferns *see* Filicales
moss *see* Ericales
plants
floriculture 635.93
landscaping 715–716
see also Angiospermae
Flowmeters *see* Gages
Flow-of-funds
accounts *see* National accounting
Floyd Co.
Ga. *area* –758 35
Ind. *area* –772 19
Ia. *area* –777 26
Ky. *area* –769 22
Tex. *area* –764 84
Va. *area* –755 71
Flues
heating eng. 697.8
see also spec. applications

Fluid
flow
chem. tech. *see* Unit operations
mechanics *see* Dynamics
Fluid-power
engineering
gen. wks. 621.1–.2
see also spec. branches
Fluids
physics
mechanics 532
see also spec. branches
see also spec. applications
Fluid-state
masers *see* Masers
Flukes *see* Trematoda
Flumes
irrigation *see* Irrigation
streams *see* Water bodies
Fluorescence
crystallography 548.9
mineralogy 549.125
physics 535.35
see also spec. materials
Fluorescent
lighting *see* Electric lighting
Fluoridation
chemistry *see* Halogenation
water supply
engineering
economics 338.47+
technology 628.166 3
pub. health †614.599 6
Fluorides *see* Halogen compounds
Fluorination
chemistry *see* Halogenation
water supply *see* Fluoridation
Fluorine *see* Halogen
Fluorite
mineralogy 549.4
see also Halogen geology
Fluorophotometric
analysis *see* Optical analysis
Fluoroscopy *see* Radiography
Flutes
manufacture
economics 338.47+
Flutes
manufacture (continued)
technology 681.81+
music 788.5
Fluvanna Co. Va. *area* –755 47
Fluxes
chem. tech. *see* Unit operations
metallurgy *see* Metallurgical furnaces
Fly
casting *see* Fishing
fungi
diseases *see* Fungus diseases
organisms *see* Mucorales
Flycatchers (birds) *see* Tyrannidae
Flycatchers (plants) *see* Sarraceniales
Flying
aircraft
gen. wks. *see* Flight engineering
sports *see* Air sports
Flying-fishes
culture 639.37+
fishing
industries 639.27+
sports 799.17+
see also Mesichthyes
Flying-lemurs *see* Dermoptera
Flying-wings *see* Heavier-than-air aircraft
Foam
rubber *see* Elastomers
Foams
gen. wks. *see* Colloids
products *see spec. products*
Foard Co. Tex. *area* –764 748
Fodder
feed
gen. wks. 636.085 5
see also spec. animals
grasses
botany *see* Pooideae
gen. wks. *see* Forage crops
Foehns *see* Winds
Foggia Italy *area* –457 57

Fogs
  climatology †551.64+
  meteorology †551.575
  see also Colloids
Foix France *area* –448 8
Folding
  bridges *see* Movable bridges
Folds
  geology
    gen. wks. 551.87
    see also spec. ores
Foliage *see* Leaves (plants)
Foliage-plants
  botany **581**
  culture 635.975
  landscaping **712–716**
  see also spec. plants
Folic
  acid *see* Vitamins
Folk
  art
    gen. wks. **745.5–.9**
    see also spec. art forms
  dances *see* Dancing
  medicine
    folklore
      hist. & criticism 398.353
      legends **398.2**
    med. sci. *see* Home remedies
  music *see* Ethnic music
  songs
    customs **394**
    folklore 398.8
    music **784.4**
    singing **†784.96**
  tales *see* Mythology
Folklore *see* Mythology
Follutein *see* Endocrine drugs
Fond du Lac Co. Wis. *area* –775 68
Fondants *see* Candies
Fonts (baptismal) *see* Sacred furniture
Fonts (typography) *see* Type faces
Food
  allergies *see* Allergies
  analysis
    chemistry
      gen. wks. 543.1
      organic 547.33+
Food
  analysis (continued)
    pub. health *see* Food-&-drug control
  animals
    culture 636.088 3
    zoology 591.6
    see also spec. animals
  board
    manufacture *see* Paperboard
    products *see* Converted paper products
  cartons *see* Converted paper products
  cookery *see* Cookery
  customs *see* Eating-customs
  folklore
    hist. & criticism 398.355
    legends **398.2**
  microbiology
    gen. wks. 576.163
    see also *s.s.*–015+
  offerings *see* Sacrificial offerings
  plants *see* Edible plants
  preservation
    economics **338.47+**
    technology
      commercial **†664.028**
      home ec. **641.4**
  salts
    chemistry *see* Salts
    nutrition 641.17
    processing
      economics 338.47+
      technology 664.4
    see also spec. uses
  saps *see* Saps
  services *see* Meals
  supply
    economics **†338.19**
    mil. sci.
      administration 355.65
      gen. wks. 355.81
      see also spec. mil. branches
    see also Agriculture (activity)
  technology
    economics **338.47+**
    gen. wks. **664**

Food (continued)
  therapy *see* Dietotherapy
  values *see* Applied nutrition
Food-&-drug
  control
    law †340
    technology **614.31–.35**
Foot
  bridges *see* Bridges
  forces
    mil. sci. **356**
    see also spec. kinds of warfare
  racing *see* Track athletics
Football
  customs 394.3
  equipment *see* Recreational equipment
  gen. wks. **796.33**
Footprints
  animals *see* Vertebrates
  man *see* Anthropometry
Footwear
  customs 391.41
  manufacture
    economics **338.47+**
    technology **685.3**
  marketing 658.809+
Forage crops
  agriculture
    economics **338.17+**
    technology **633.2**
  fodder
    gen. wks. 636.086
    see also spec. animals
  processing *see spec. products*
Foraminifera
  culture †639.73+
  paleozoology 563.1
  zoology 593.12
Force
  mechanics
    gen. wks. **531.3**
    see also spec. branches
  metaphysics 118
  see also spec. applications
Forced
  labor *see* Compulsory labor
Forced-circulation
  systems *see* Warm-air heating
Forcing
  equipment
    agriculture
      gen. wks. 631.34
      see also spec. crops
    manufacture
      economics 338.47+
      technology 681.7
  techniques
    gen. wks. 631.544
    see also spec. crops
Forcipulata *see* Asteroidea
Ford Co.
  Ill. *area* –773 62
  Kan. *area* –781 76
Forebrain *see* Brain
Forecasting
  business *see* Business cycles
  future *see* Divination
  weather *see* Weather
Foreign
  affairs *see* International relations
  affairs departments *see* Executive departments
  exchange
    economics
      banks **332.15**
      gen. wks. **332.45**
    trade *see* International commerce
    see also Financial administration
  languages
    linguistics **420–490**
    study & teaching
      elementary ed. 372.65
      see also ***s.s.*–07**
  legions *see* Organizational units
  populations *see* Nationality
  relations *see* International relations
  trade *see* Trade (activity)
Foremanship
  management
    gen. wks. †658.302
    training 658.386
  see also Occupations
Forenames *see* Personal names

Forensic
chemistry
gen. wks. **540**
law †340
medicine
gen. wks. **610**
law 340.6
Foreordination *see* Predestination
Forest Co.
Pa. *area* –748 68
Wis. *area* –775 31
Forest
conservation *see* Forestation
plants *see* Mesophytes
reserves
area planning 719.33
geography *see* Forests
land economics 333.75
yaws *see* Protozoan infections
Forestation
economics
policies †333.75
production **338.17+**
practices **634.956**
Forestry
economics **338.17+**
technology **634.9**
Forests
geography
gen. wks. 910.091+
physical †910.02+
history 909.09+
subj. treatment *area* –152
see also spec. areas
Forfeit
games *see* Trick games
Forgeries
book rarities 098.3
financial instruments
economics 332.9
techniques **761-767**
offenses *see* Offenses
protective measures
museums 069.54
see also other institutions
see also spec. subj.
Forgers *see* Offenders
Forget-me-nots *see* Boraginales
Forgetting
gen. *see* Memory processes
pathological *see* Hysterias
Forging
metals
arts 739.14
technology
gen. wks. 671.33
see also spec. metals
see also spec. products
Forks *see* Tableware
Forlì Italy *area* –454 8
Formal
conduct *see* Etiquette
Formicidae
paleozoology 565.79
zoology 595.796
Formosa (isl.) *see* Taiwan
Formosa Argentina *area* –823
Forms
mathematics *see* Invariants
theory *see* Quantics
Formula
feed *see* Fodder
Formularies
animals
gen. wks. **636.089+**
see also spec. animals
man **615.13**
Fornication
crime *see* Offenses
sex *see* Sex relations
Forrest Co. Miss. *area* –762 18
Forsyth Co.
Ga. *area* –758 265
N.C. *area* –756 67
Forsythias *see* Loganiales
Fort
Bend Co. Tex. *area* –764 135
Gibson Res. Okla.
gen. wks. *area* –766 87
see also other areas
Loudoun Res.Tenn.
gen. wks. *area* –768 85
see also other areas
Peck Res. Mont.
gen. wks. *area* –786 17
see also other areas
Forth River Scotland *area* –413
Fortifications
architecture 725.18
construction **623.1**

Fortified
wines *see* Wines
Fortresses *see* Fortifications
Forts *see* Fortifications
Fortunella *see* Kumquats
Fortunetelling *see* Divination
Forums *see* Speeches
Fossa *see* Viverrines
Fossil
fuels
gases *see* Natural gas
liquids *see* Petroleum oils
solids *see* Coals
gums
geology 553.29
mining 622.33+
see also spec. applications
resins *see* Fossil gums
Fossils *see* Paleontology
Foster Co. N.D. *area* –784 51
Foster
children
psychology *see* Children
sociology 301.427
day care *see* Day nurseries
homes
home economics **649.1**
services 362.733
Foundation
garments *see* Garments
soils *see* Soils
Foundations (organizations) *see* Organizations
Foundations (structures)
architecture 721.1
engineering
economics 338.47+
technology
buildings 690.1+
gen. wks. **624.15**
see also spec. structures
Foundlings *see* Children
Foundry
practice
metals
gen. wks. **671.2**
see also spec. metals
printing *see* Typefounding
Fountain Co. Ind. *area* –772 47
Fountains
natural *see* Water bodies
structures *see* Garden sculpture
Fouquieraceae *see* Tamaricales
Fourier
series *see* Harmonics
Fourierism *see* Ideal states
Four-o'clocks *see* Thymelaeales
Fourth
dimension
geometry *see* Absolute geometries
relativity *see* Relativity
Foussa *see* Viverrines
Fowls *see* Poultry
Fox River Wis.
gen. wks. ***area* –775 6**
see also other areas
Fox
trot *see* Dancing
Foxes
culture 636.97+
disease carriers *see* Disease carriers
hunting
industries 639.11+
sports 799.27+
see also Canidae
Foxgloves *see* Personales
Foxhounds *see* Hounds
Fractional
distillation
chem. tech. *see* Unit operations
chemistry *see spec. compounds*
exponents *see* Evolution mathematics
Fractionation
process
chem. tech. *see* Unit operations
chemistry *see spec. compounds*
towers *see* Process equipment
Fractions
arithmetic 511.4
see also *s.s.*–015+

Fracture
points *see* Hardness
Fractures
injuries *see* Injuries
materials *see* Hardness
Fragaria *see* Strawberries
Fragmentation
bombs *see* Ammunition
Frames
engineering
gen. wks. 624.177 3
see also spec. branches
see also spec. aspects
Framing
gen. wks. *see* Structural woodworking
ships *see* Hull construction
France *area* –44
Franche-Comté France *area* –444 5
Franchises *see* Licenses
Franciscans
history
men 271.3
women 271.973
see also Religious congregations
Francium
chemistry 546.386
see also Radiochemistry
Franconia Germany *area* –433
Frankeniaceae *see* Tamaricales
Frankfurt an der Oder Germany *area* –431 5
Franking
privileges *see* Postal communication
Franklin (district) Can. *area* –712 9
Franklin
Co.
Ala. *area* –761 91
Ark. *area* –767 34
Fla. *area* –759 91
Ga. *area* –758 135
Ida. *area* –796 42
Ill. *area* –773 94
Ind. *area* –772 15
Ia. *area* –777 28
Kan. *area* –781 66
Ky. *area* –769 43
Me. *area* –741 7
Mass. *area* –744 2
Miss. *area* –762 27
Franklin
Co. (continued)
Mo. *area* –778 63
Neb. *area* –782 377
N.Y. *area* –747 55
N.C. *area* –756 54
O. *area* –771 56
Pa. *area* –748 44
Tenn. *area* –768 63
Tex. *area* –764 213
Vt. *area* –743 13
Va. *area* –755 68
Wash. *area* –797 33
Par. La. *area* –763 77
Franklin D. Roosevelt Lake Wash.
gen. wks. *area* –797 23
see also other areas
Franklinite
mineralogy 549.526
see also Zinc geology, Manganese geology
Franz Josef Land *area* –985
Fraser River B.C.
gen. wks. *area* –711 2
see also other areas
Fraternal
life insurance *see* Life insurance
organizations *see* Organizations
songs
music 784.66
singing †784.96
Fraternities *see* Organizations
Fraternity
songs *see* Student songs
Frauds *see* Defrauding
Fraudulent
degrees *see* Defrauding
Fraunhofer
lines *see* Chromatic spectrum
Frazil
ice *see* Ice forms
Frederick Co.
Md. *area* –752 87
Va. *area* –755 99
Fredericksburg Va. *area* –755 366
Frederiksborg Denmark *area* –489 1

Free
agency *see* Will
balloons *see* Lighter-than-air aircraft
ports
gen. wks. 382.3
see also Harbors
public libraries *see* Public libraries
school system *see* Public education
thought *see* Rationalism
will *see* Will
Freeborn Co. Minn. *area* –776 18
Freedom
of choice *see* Will
of conscience *see* Religious freedom
of religion *see* Religious freedom
of the seas *see* Commercial law
of will *see* Will
rights *see* Civil rights
Free-enterprise
systems *see* Economic systems
Freehold
land *see* Private land
Freemasonry
gen. wks. 366.1
see also spec. services
Free-piston-turbine
engines *see* Gas-turbine engines
Free-Soil
Party *see* Political parties
Freestone Co. Tex. *area* –764 23
Freeways *see* Trafficways
Freeze-drying techniques
biology *see* Slide preparation
chem. tech. *see* Unit operations
food technology
gen. wks. 664.028 45
see also spec. products
Freezers *see* Refrigerators
Freezing
methods
food *see* Food preservation
Freezing
methods (continued)
foundations *see* Subaqueous foundations
transformation *see* Physical transformations
Freezing-point
depression *see* Colligative properties
Fregatae *see* Pelecaniformes
Freight
cars *see* Trains
insurance *see* Transportation insurance
services *see* Transportation services
trucks *see* Motor vehicles
Freighters *see* Merchant ships
Fremont Co.
Colo. *area* –788 53
Ida. *area* –796 56
Ia. *area* –777 77
Wyo. *area* –787 63
Frenatae
paleozoology 565.78
zoology 595.78
French
Broad River Tenn.
gen. wks. *area* –768 895
see also other areas
Guiana *area* –882
Somaliland *area* –677 1
French
ethnic groups *area* –174+
language 440
lingual groups *area* –175+
see also other spec. subj.
French dressing *see* Salad dressings
French horns *see* Horns
Frenchman Flat Nev.
gen. wks. *area* –793 34
see also other areas
Frequency
converters *see* Alternating-current machinery
meters
engineering
economics 338.47+
technology 621.374 7
see also spec. applications

Frequency (continued)
modulation *see* Circuitry
standards *see* Measurements
Frequency-modulation
systems *see* Telecommunication
Fresco
painting *see* Painting arts
paintings *see* Paintings
Frescoes
arch. decoration 729.4
paintings *see* Paintings
Fresh-water
biology *see* Hydrographic biology
fishes
culture 639.31
zoology **597.09+**
see also spec. fishes
fishing
industries
economics 338.372+
technology 639.21
sports 799.11
plants *see* Hydrophytes
Fresno Co. Calif. *area* –794 82
Fretwork *see* Wood carvings
Friaries
buildings *see* Monastic buildings
religion *see* Religious congregations
Friars
Minor *see* Franciscans
Preachers *see* Dominicans
Fribourg Switzerland *area* –494 5
Friction
electricity *see* Electrostatics
engineering
gen. wks. 621.89
see also spec. branches
mechanics
solids 531.4
see also spec. branches
see also spec. applications
Friction-clutches *see* Couplings (mechanical)
Friedel-Craft
reaction *see* Arylation
Friedman
test *see* Obstetrics
Friendly Isls. *see* Tonga
Friends (religion) *see* Society of Friends
Friendship
ethics 177.6
etiquette 395
religion
Christian 241.4
see also other spec. rel.
Friesland Netherlands *area* –492 1
Friezes (fabric) *see* Fancy-weave fabrics
Frigate
birds
culture 636.6
hunting
industries 639.12+
sports 799.248+
see also Pelecaniformes
Frigid
Zones
astronomy 525.5
climatology 551.62
geography 910.091+
history 909.09+
subj. treatment *area* –11
see also spec. areas
Frigidity *see* Sexual disorders
Fringe
trees
culture 635.977+
forestry 634.973+
see also Loganiales
Fringes *see* Passementerie
Fringillidae
paleozoology 568.8
zoology 598.883
Frio Co. Tex. *area* –764 44
Frisian *see* Germanic
Friulian *see* Rhaeto-Romanic
Friuli-Venezia Giulia Italy ***area* –453 9**
Frogbits *see* Butomales
Frogmouths *see* Caprimulgiformes
Frogs
agricultural aids 632.96
culture 639.378
food *see* Game cookery
hunting
industries †639.13
sports 799.279+
see also Anura

Frontenac Co.
Ont. *area* –713 71
Que. *area* –714 69
Frontier Co. Neb. *area* –782 835
Frontier
defense *see* Home defense
troops *see* Combat units
Fronts (weather) *see* Atmospheric formations
Frosinone Italy *area* –456 22
Frost
agriculture
gen. wks. 632.11
see also spec. crops
engineering
gen. wks. 624.151
see also spec. branches
geology
activities 551.38
climatology †551.64+
meteorology
deposits 551.574 4
temperatures 551.523
Frostbite *see* Skin disorders
Frostings *see* Candies
Frost-lines *see* Temperatures
Frozen
custards *see* Frozen desserts
desserts
food
cookery 641.862–.863
gen. wks. 641.37+
industry
economics 338.17+
technology 637.4
foods
cookery 641.61+
marketing 658.809+
production
economics 338.47+
technology
commercial 664.028 53
home 641.453
ground *see* Frost
sea water *see* Ice forms
Frozen-food
cartons *see* Converted paper products
Frozen-section
techniques *see* Slide preparation
Fructose *see* Sugars
Fruit
flies
agricultural pests 632.7+
culture 638.57+
see also Cyclorrhapha
juices *see* Soft drinks
Fruits
agriculture
economics **338.17+**
technology
culture 634.1–.8
forest products 634.987
see also spec. plants
fodder
gen. wks. 636.087 4
see also spec. animals
food
cookery **641.6+**
gen. wks. **641.34+**
preservation
commercial **664.8**
home economics **641.4**
Frying
cookery *see* Cooking processes
Fry-pan
cookery *see* Special-equipment cookery
Fucales *see* Phaeophyta
Fuchsias *see* Lythrales
Fudges *see* Candies
Fuel
cells
engineering
economics 338.47+
technology 621.359
see also spec. applications
oils *see* Petroleum products
ships
commercial *see* Merchant ships
govt. *see* Government vessels
systems
engineering
gen. wks. 621.437
see also spec. applications
heating *see* Heating-systems

Fuels
gaseous *see* Industrial gases
nuclear *see* Fissionable materials
processing
economics **338.47+**
technology **662.6–.8**
see also spec. applications
Fugues (medicine) *see* Hysterias
Fugues (music)
gen. wks. 781.4
see also spec. mediums
Fujiyama Japan *area* –521 66
Fukien China *area* –512 45
Fukui Japan *area* –521 5
Fukuoka Japan *area* –522
Fukushima Japan *area* –521 1
Fulah *see* Chari-Nile
Fulham London *area* –421 3
Fulled
fabrics *see* Felts
Fuller's
earth *see* Clays
Fulmars *see* Pelagic birds
Fulton Co.
Ark. *area* –767 22
Ga. *area* –758 23
Ill. *area* –773 48
Ind. *area* –772 87
Ky. *area* –769 99
N.Y. *area* –747 47
O. *area* –771 115
Pa. *area* –748 72
Fumariaceae *see* Rhoeadales
Fumaroles
geography
gen. wks. †910.02
see also spec. places
geology 551.23
Fumigation
agriculture
gen. wks. 632.94
see also spec. crops
disease control *see* Disinfection
Funchal Portugal *see* Madeira
Functional
analysis
calculus
gen. wks. **517.5**
Functional
analysis
calculus (continued)
see also ***s.s.–015+***
mental diseases *see* Psychiatry
organization *see* Hierarchy
psychoses *see* Psychoses
see also Functionalism
Functionalism
philosophy 144.6
psychologies
gen. wks. **150.193**
see also spec. aspects
Functions
biology *see* Physiology
mathematics
gen. wks. **517.5**
see also ***s.s.–015+***
see also spec. aspects
Fund
raising *see* Financial administration
Fundamental
education
gen. wks. 370.194
see also spec. subj.
particles *see* Subatomic particles
Funded
debts *see* Public securities
Funds
management *see* Financial administration
Fundy (bay)
gen. wks. ***area*** **–715 3**
N.S. ***area*** **–716 3**
Funeral
music
gen. wks. 783.29
see also spec. mediums
rites
etiquette 395.23
gen. wks. **393**
mil. sci. *see* Official ceremonies
religion
Christian 265.85
gen. wks. 291.38
see also other spec. rel.

Fungi
gen. *see* Mycophyta
medicine *see* Medical mycology
Fungicides *see* Pesticides
Fungus
diseases
animals
vet. sci. 636.089+
zoology 591.2
see also spec. animals
man
medicine 616.969
pediatrics 618.92+
pub. health 614.55+
plants
agriculture **632.4**
botany 581.232 6
see also spec. plants
Funicular
railways *see* Special-purpose railways
Fur
animals
culture
economics †338.17+
technology
gen. wks. †636.088 4
see also spec. animals
hunting *see* Mammals
see also Mammalia
coats *see* Fur garments
farming *see* Fur animals
garments
manufacture
economics 338.47+
technology 685.24
marketing 658.809+
see also spec. applications
processing
economics 338.47+
technology 675.3
seals *see* Eared seals
Furans *see* Heterocyclic compounds
Furcrafts
art 745.537
industry
economics **338.47+**
technology **685**
Furnaces
electric *see* Electric furnaces
foundry equipment *see* Foundry practice
see also Metallurgical furnaces
Furnas Co. Neb. *area* –782 384
Furnishings
households *see* Household furnishings
Furniture
arts **749**
home economics **645.4**
manufacture
economics **338.47+**
technology **684.1**
offices *see* Office equipment
ships *see* Nautical equipment
specific kinds
churches *see* Sacred furniture
libraries 022.9
museums 069.3
Furuncles *see* Pustular eruptions
Fused
fabrics *see* Bonded fabrics
hydrocarbons *see* Aromatic compounds
Fuselages
eng. & construction
economics 338.47+
technology
gen. wks. 629.134 34
military **623.746**
see also Transportation services
Fuses (controllers) *see* Control devices
Fuses (detonators) *see* Detonators
Fusion
thermal *see* Physical transformations
thermonuclear *see* Thermonuclear fusion

Fusion-reactors *see* Thermonuclear reactors
Fusion-tests *see* Blowpipe analysis
Futuna Isl. *see* New Caledonia
Future
life
metaphysics 129.6
religion
Christian **†236.2**
comparative 291.23
gen. wks. 218
see also other spec. rel.
Fyn Denmark *area* –489 4

G

GAR *see* Patriotic societies
GOP *see* Political parties
Gabbros *see* Plutonic rocks
Gable
roofs *see* Roofs
Gabon *area* –672 1
Gadolinium *see* Rare-earths
Gadsden Co. Fla. *area* –759 925
Gaelic *see* Celtic
Gaetulia *area* –397 7
Gage Co. Neb. *area* –782 286
Gages
engineering
economics 338.47+
technology
gen. wks. 681.12
liquid-pressure 621.28
tools 621.99
see also other spec. branches
marketing 658.809+
see also spec. applications
Gahnite
mineralogy 549.526
see also Zinc geology
Gaines Co. Tex. *area* –764 855
Gaining
weight *see* Body contours
Galactans *see* Polysaccharides
Galactedema *see* Lactation disorders
Galactic
nebulas *see* Cosmogony
system *see* Cosmology
Galactogogues *see* Secretory drugs
Galápagos Isls. *area* –866 5
Galati Romania *area* –498 1
Galatia *area* –393 2
Galatians (N.T.) *see* Pauline epistles
Galax Va. *area* –755 714
Galbulae *see* Piciformes
Galena
mineralogy 549.32
see also Lead geology
Galeoidea *see* Selachii
Gales *see* Storms
Galicia (eastern Europe)
gen. wks. *area* –†438 6
Ukraine *area* –†477 1
Galicia (Spain) ***area* –461**
Galician *see* Dialectology
Gall
bladder *see* Biliary tract
Galla *see* Cushitic
Gallactose *see* Sugars
Gallantry
courtesy *see* Courtesy
soc. customs *see* Knightly customs
Gallatin Co.
Ill. *area* –773 97
Ky. *area* –769 365
Mont. *area* –786 662
Gallegan *see* Dialectology
Galleons *see* Historic ships
Galleries *see* Museums
Galleys *see* Historic ships
Gallflies
agricultural pests 632.7+
culture 638.57+
see also Hymenoptera
Galli
paleozoology 568.6
zoology 598.61
Gallia (ancient country)
Cisalpina *area* –372
Transalpina *see* Gaul
Gallia Co. O. *area* –771 89
Gallican
schismatics *see* Schismatic churches
Galliformes
paleozoology 568.6
zoology **598.6**

Gallinules *see* Rails (birds)
Gallionellaceae *see* Caulobacteriales
Gallium
compounds
chemistry **546.675**
manufacture 661.06+
see also Organic chemistry
fabrication *see* Gallium industries
geology
gen. wks. 553.499
mineralogy *see spec. minerals*
industries
extractive
metallurgy 669.79
mining 622.349+
manufacturing
economics 338.47+
technology 673.79
metallography *see* Gallium properties
mineralogy *see spec. minerals*
mining *see* Gallium industries
products *see spec. subj.*
properties
chemistry **546.675**
engineering 620.189 9
metallography 669.957+
see also Radiochemistry
Galloping
horses *see* Equestrian sports
Gallotannins *see* Tannins
Galloway Scotland ***area* –414 9**
Galloylsugars *see* Tannins
Galls
agriculture 632.2
botany 581.27
see also spec. plants
Gallstones *see* Biliary disorders
Galop *see* Dancing
Galvanic
physical exploration *see* Geophysical exploration
Galvanizing
metals *see* Surface finishing
Galvanometers *see* Current measurements
Galveston Co. Tex *area* –764 139
Galway Ireland *area* –417 4
Gama
grasses *see* Pooideae
Gambia *area* –665 1
Gambian
trypanosomiasis *see* Protozoan infections
Gambier Isls. *area* –962 2
Gamblers *see* Offenders
Gambling
crime *see* Offenses
customs 394.3
ethics 175.9
govt. control
gen. wks. 350.762
police services 363.4+
see also spec. levels of govt.
mathematics 519.1
recreation
gen. wks. 795.01
see also spec. activities
Gambling-halls *see* Recreation buildings
Gambrell
roofs *see* Roofs
Game
food
cookery 641.6+
gen. wks. 641.39+
preservation
commercial **664.9**
home **641.49**
hunting *see* Hunting (activity)
reserves *see* Wildlife reserves
rooms *see* Rooms
Games *see* Recreational activities
Gametogenesis *see* Germ cells
Gamma
decay *see* Transmutations
functions *see* Definite integrals

Gamma (continued)
globulins *see* Blood products
rays
biophysics *see* Biophysics
engineering 621.381 6
physics
electronics **537.535**
nuclear 539.722 2
see also Ionizing radiation
Gamma-rays
electronics
engineering 621.381 6
physics **537.535**
see also spec. applications
Gammaridea *see* Amphipoda
Ganges River India
gen. wks. *area* **–541**
see also other areas
Ganglions
anatomy *see* Neuroanatomy
diseases *see* Neurological diseases
physiology *see* Neurophysiology
Gangrene *see* Symptomatology
Gangs *see* Behavior groups
Gangsterism *see* Offenses
Gannets
conservation 639.97+
culture 636.6
hunting
industries 639.12+
sports 799.248+
see also Pelecaniformes
Ganoids *see* Polypterini
Gaols *see* Prisons
Garages
private
architecture 728.9
construction
economics 338.47+
technology 690.8+
farm structures 631.25
public
buildings *see* Transportation buildings
services 629.286
Garbage
disposal
units
manufacture *see* Household appliances
plumbing 696.184
see also Garbage treatment
treatment
engineering
economics **338.47+**
technology
gen. wks. **628.44**
military 623.754
rural 628.744
pub. health 614.76
Garbage-fertilizers
agriculture
gen. wks. 631.877
see also spec. crops
marketing 658.809+
processing
economics 338.47+
technology 668.63+
Gard France *area* –448 3
Garden Co. Neb. *area* –782 915
Garden
beans
agriculture
economics 338.17+
technology **635.652**
food 641.35+
processing *see spec. products*
see also Leguminosae
cress *see* Cresses
crops
agriculture
economics **338.17+**
technology **635**
fodder
gen. wks. 636.087 5
see also spec. animals
food
cookery **641.6+**
gen. wks. **641.35**
preservation
commercial **664.8**
home **641.4**
flowers *see* Flowering plants

Garden (continued)
furniture *see* Outdoor furniture
lighting *see* Illumination
parties *see* Hospitality
peas
agriculture
economics 338.17+
technology **635.656**
food 641.35+
processing *see spec. products*
see also Leguminosae
sculpture
arts 731.722
landscaping
fountains 714
gen. wks. 717
Gardeners *see* Domestic employees
Gardenias *see* Rubiales
Gardening *see* Gardens
Gardens
horticulture **635**
landscaping **712**
see also Garden crops
Garfield Co.
Colo. *area* –788 16
Mont. *area* –786 27
Neb. *area* –782 764
Okla. *area* –766 28
Utah *area* –792 52
Wash. *area* –797 44
Garfishes
culture 639.37+
fishing
industries 639.27+
sports 799.17+
see also Mesichthyes
Gargoyles
architecture 729.5
sculpture 731.52
Garland Co. Ark. *area* –767 41
Garlic *see* Alliaceous plants
Garmentmaking *see* Garments
Garments
customs **391.1–.4**
felt *see* Felts
fur *see* Fur garments
home sewing **646.1–.6**
hygiene 613.48
leather *see* Leather goods
Garments (continued)
manufacture
economics **338.47+**
technology **687**
marketing 658.809+
Garnets
abrasives *see* Abrasive materials
mineralogy 549.62
synthetic *see* Synthetic minerals
see also Semiprecious stones
Garnierite
mineralogy 549.67
see also Nickel geology
Garnishes
food *see* Auxiliary foods
Garonne River France
gen. wks. *area* **–447**
see also other areas
Garrard Co. Ky. *area* –769 525
Garrett Co. Md. *area* –752 97
Garrison Res. N.D.
gen. wks. *area* –784 75
see also other areas
Garryaceae *see* Garryales
Garryales
botany 583.982
floriculture 635.933+
Gars *see* Lepisosteidae
Garvin Co. Okla. *area* –766 56
Gary
system
education *see* Individualized instruction
Garza Co. Tex. *area* –764 852
Gas (utility)
economics
manufactured 338.47+
natural 338.27+
govt. control
gen. wks. **350.872 3**
services **363.63**
see also spec. levels of govt.
Gas
analysis *see* Gases
bombs *see* Special-purpose projectiles

Gas (continued)
chromatography
analysis *see* Chromatographic analysis
chem. tech. *see* Unit operations
cookery *see* Special-equipment cookery
engines *see* Spark-ignition engines
fitting *see* Pipe fitting
lighting
engineering
economics 338.47+
technology 621.324
home econ. 644.3
interior decoration 747.92
mains *see* Utility lines
oil *see* Petroleum products
warfare *see* Chemical warfare
see also Natural gas
Gasconade Co. Mo. *area* –778 61
Gascony France *area* –447 7
Gaseous
fuels *see* Industrial gases
illuminants *see* Industrial gases
Gases
anal. chemistry
qualitative
gen. wks. 544.4
organic 547.34+
quantitative
gen. wks. 545.7
organic 547.35+
industrial *see* Industrial gases
physics
gen. wks. 530.43
mechanics **533**
sound transmission 534.24
rare *see* Rare gases
Gasolines *see* Petroleum products
Gasometric
methods *see* Gases
Gaspé Peninsula Que. *area* **–714 77**
Gaston Co. N.C. *area* –756 77

Gastric
disorders
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.33**
pediatrics **618.92+**
surgery **617.553**
juice *see* Stomach
ulcers *see* Gastric disorders
Gastritis *see* Gastric disorders
Gastroenteric
drugs
pharmacodynamics
med. sci. **615.73**
vet. sci.
gen. wks. **636.089+**
see also spec. animals
see also Pharmacology
Gastroenteritis *see* Gastric disorders
Gastroenterology *see* Digestive tract
Gastropoda
culture **639.48+**
paleozoology **564.3**
zoology **594.3**
Gastroptosis *see* Gastric disorders
Gastrotricha *see* Aschelminthes
Gastrula *see* Embryology
Gas-turbine
engines
engineering
economics **338.47+**
technology
gen. wks. **621.433**
see also spec. branches
see also spec. applications
locomotives *see* Locomotives
Gatehouses
architecture 728.9
construction
economics 338.47+
technology 690.8+
Gates Co. N.C. *area* –756 15

Gates
architecture 721.8
construction
economics 338.47+
technology
carpentry 694.6
gen. wks. 690.1+
hydraulic engineering *see* Penstocks
landscape elements 717
Gateways
architecture
elements 721.8
structure 725.96
construction
economics 338.47+
technology
carpentry 694.6
gen. wks. 690.1+
landscape element 717
Gatineau Co. Ont. *area* –714 22
Gauges *see* Gages
Gaul *area* –36
Gauley River W.Va.
gen. wks. ***area* –754 6**
see also other areas
Gauntlets *see* Handwear
Gauss
geometry
gen. wks. 513.84
see also *s.s.*–015+
Gaviiformes
paleozoology 568.4
zoology 598.442
Gavleborg Sweden *area* –487
Gaylussacia *see* Huckleberries
Gazelles *see* Antelopes
Gazetteers
geography 910.3
see also *s.s.*–03
Gaziantep Turkey *area* –564
Gdansk Poland *area* –†438 2
Gear
nautical *see* Nautical equipment
Gear-cutting
machinery *see* Turning-machinery
Gearing *see* Gears

Gears
engineering
economics **338.47+**
technology
gen. wks. **621.83**
see also spec. branches
see also spec. applications
Gear-shifts
motor vehicles *see* Chassis
Geary Co. Kan. *area* –781 29
Geauga Co. O. *area* –771 336
Geckos *see* Lizards
Geese
culture 636.598
food *see* Poultry
hunting
industries 639.12+
sports 799.248+
see also Anseriformes
Geez *see* Ethiopic
Gegenschein *see* Counterglow
Gehenna *see* Hell
Geiger-Müller
counters *see* Particle detectors
Geissler
tubes *see* Electronic tubes
Geissolomataceae *see* Thymelaeales
Gelatin
desserts *see* Puddings
Gelatins
chemistry **547.75**
manufacture
economics 338.47+
technology
crude 668.34
edible 664.26
see also spec. applications
Gelderland Netherlands *area* –492 1
Geldings *see* Horses
Gels
gen. wks. *see* Colloids
products *see spec. products*
Gem Co. Ida. *area* –796 27
Gemara *see* Talmud
Gemmation *see* Reproduction
Gems
natural *see* Precious stones
synthetic *see* Synthetic minerals

Genealogy
gen. wks. 929.1
see also Pedigrees
Generals
military *see* Personnel
Generation *see spec. subj.*
Generators
electric *see* Dynamoelectric machinery
nuclear *see* Reactors
Genesee
Co.
Mich. *area* –774 37
N.Y. *area* –747 92
River N.Y.
gen. wks. *area* –747 88
see also other areas
Genesis *see* Pentateuch
Genetic *see* Genetics
Genetics
biology
animals **591.15**
gen. wks. **575.1**
man †573.21
plants **581.15**
see also spec. organisms
practices
animals **636.082**
plants 631.5
see also spec. organisms
psychology †155
Geneva, Switzerland *area* –494 5
Geneva Co. Ala. *area* –†761 29
Geniculate
bodies *see* Brain
Genital
drugs
pharmacology
animals
gen. wks. 636.089+
see also spec. animals
man
gen. wks. 615.766
see also spec. drugs
see also Endocrine drugs
organs *see* Reproductive organs
Genitourinary
organs *see* Urogenital organs
Genius *see* Superior intelligence
Genocide
ethics 179.7
see also Offenses
Genotypes *see* Genetics
Genova Italy *area* –451 82
Genre
arts
gen. wks. **704.942–.943**
see also spec. art forms
Gentianaceae *see* Gentianales
Gentianales
botany 583.7
floriculture 635.933 7
Gentians *see* Gentianales
Gentleness *see* Virtues
Gentry Co. Mo. *area* –778 145
Gentry *see* Aristocracy
Geobotanical
prospecting *see* Prospecting
Geocentric
theory *see* Celestial dynamics
Geochemistry *see* Physical geology
Geodesy
gen. wks. **526**
see also spec. applications
Geodetic
coordinates *see* Coordinates
surveying
gen. wks. **526.3**
see also spec. applications
Geognosy *see* Physical geology
Geographic
coordinates *see* Coordinates
Geography
gen. wks. **910**
mathematical *see* Mathematical geography
study & teaching
elementary ed. 372.891
see also *s.s.*–07
see also *s.s.*–09
Geological
physics *see* Physical geology
prospecting *see* Prospecting
Geology
gen. wks. **550**
see also spec. applications

Geomagnetic
command systems *see* Command systems
Geomagnetism
navigation *see* Navigation
physics **538.7**
Geomancy *see* Divination
Geometric
joined vowel shorthand
bus. tech. 653.425
see also spec. applications
progressions *see* Proportion
transformations
gen. wks. 516.55
see also *s.s.*–015+
see also Geometrical
Geometrical
crystallography
gen. wks. **548.1**
see also spec. applications
optics
physics **535.32**
see also spec. applications
see also Geometric
Geometries
gen. wks. **513–516**
see also *s.s.*–015+
Geometry
of motion *see* Kinematics
Geomorphology **551.4**
Geonavigation *see* Navigation
Geophysical
exploration
mining
economics 338.27+
technology
gen. wks. **622.15**
see also spec. ores
see also Surveying
Geophysics *see* Physical geology
George Co. Miss. *area* –762 165
Georgetown Co. S.C. *area* –757 89
Georgia (Soviet republic) *area* –479 5
Georgia (state) ***area* –758**
Georgian Bay Lake Huron
gen. wks. *area* –713 15
see also other areas
Georgian *see* Caucasian
Geotectonic
geology *see* Structural geology
Geothermal
physical exploration *see* Geophysical exploration
Geotropism *see* Reflex actions
Gephyrea
culture †639.75+
paleozoology 565.1
zoology 595.174
Gera Germany *area* –†432 2
Geraniaceae *see* Geraniales
Geraniales
botany 583.21
floriculture 635.933+
Geraniums *see* Geraniales
Geriatric
nursing *see* Nursing
surgery *see* Geriatrics
Geriatrics
hygiene 613.977
medicine
gen. wks. **618.97**
surgery **617.97**
therapeutics 615.547
Germ
cells
gametogenesis
animals 591.32
gen. wks. 574.3
plants 581.32
see also spec. organisms
histogenesis
animals 591.17
gen. wks. 574.17
plants 581.172
see also spec. organisms
warfare *see* Biological warfare
German *see* Germanic
German measles *see* Eruptive fevers
German shepherds *see* Working dogs

Germanic
  ethnic groups *area* **–174+**
  languages †430
  lingual groups *area* **–175+**
  religion
    culture groups
      geography 910.091+
      history 909.09+
      subj. treatment *area* –176+
    gen. wks. **293**
  see also other spec. subj.
Germanium
  compounds
    chemistry **546.684**
    manufacture 661.06+
    pharmacology
      gen. wks. 615.2+
      veterinary 636.089+
  see also Organic chemistry
  fabrication *see* Germanium industries
  geology
    gen. wks. 553.499
    mineralogy *see spec. minerals*
  industries
    extractive
      metallurgy 669.79
      mining 622.349+
    manufacturing
      economics 338.47+
      technology 673.79
  metallography *see* Germanium properties
  mineralogy *see spec. minerals*
  mining *see* Germanium industries
  products *see spec. subj.*
  properties
    chemistry **546.684**
    engineering 620.189 9
    metallography 669.957+
    see also Radiochemistry
Germany
  ancient *area* –36
  modern *area* **–43**
Germicides *see* External medicinals
Germs *see* Pathogenic microorganisms
Gerona Spain *area* –467 1
Gerontology
  physical 612.67
  social 301.435
Gerrymandering *see* Representation
Gers France *area* –447 71
Gesneriaceae *see* Personales
Gestalt
  psychology
    gen. wks. †150.198 2
    see also spec. aspects
Geysers
  geography
    gen. wks. †910.02
    see also spec. places
  geology 551.23
Ghana *area* –667
Gherkins *see* Cucumbers
Ghosts
  folklore
    hist. & criticism 398.47
    legends 398.2
  occultism **133.1**
Giantism *see* Giants
Giants
  natural
    phys. anthropology
      gen. wks. 573.8
      see also Endocrine disorders
  supernatural *see* Supernatural beings
Gibberellins *see* Endocrine drugs
Gibbons *see* Apes
Gibraltar *area* –468 9
Gibson Co.
  Ind. *area* –772 35
  Tenn. *area* –768 23
Gift
  taxes *see* Taxation
  wrappings *see* Papercrafts
Gifted
  children *see* Exceptional children
Gifts
  books
    library functions †025.26
    state aid 021.84

Gifts (continued)
  see also Procurement
Gifts of Holy Ghost *see* Grace
Gifu Japan *area* –521 6
Gigantostraca *see* Chelicerata
Gigging *see* Fishing
Gila
  Co. Ariz. *area* –791 55
  River Ariz.
    gen. wks. *area* –791 7
    see also other areas
Gila
  monsters *see* Lizards
Gilan Iran *area* –551
Gilbert Isls. *area* –968 1
Gilchrist Co. Fla. *area* –759 78
Giles Co.
  Tenn. *area* –768 61
  Va. *area* –755 78
Gill
  fungi *see* Agaricales
Gillespie Co. Tex. *area* –764 65
Gilliam Co. Ore. *area* –795 65
Gilmer Co.
  Ga. *area* –758 295
  W.Va. *area* –754 27
Gilpin Co. Colo. *area* –788 62
Gilts *see* Swine
Gilyak *see* Paleosiberian
Gimps *see* Passementerie
Gin *see* Spirits (alcoholic)
Gin rummy *see* Card games
Ginger
  agriculture
    economics †338.17+
    technology †633.83
  food †641.338+
  marketing 658.809+
  processing *see spec. products*
  see also Zingiberales
Ginkgo
  trees
    culture 635.977+
    forestry 634.975 9+
    see also Ginkgoales
Ginkgoaceae *see* Ginkgoales
Ginkgoales
  botany 585.7
  floriculture 635.935+
  paleobotany 561.57
Ginseng
  agriculture
    economics 338.17+
    technology 633.88+
  drugs *see* Botanical drugs
  see also Umbelliflorae
Gipsy
  ethnic groups *area* –174+
  languages 491.49
  lingual groups *area* –175+
  see also other spec. subj.
Giraffes
  conservation 639.97+
  culture 636.294
  hunting
    industries 639.11+
    sports 799.27+
  see also Cervoidea
Girard
  turbines *see* Turbines
Girder
  bridges
    eng. & construction
      economics **338.47+**
      technology **†624.37**
    see also Bridges
Girders *see* Beams
Girdles *see* Garments
Giresun Turkey *area* –565
Girl
  Guides *see* Young people organizations
  Scouts *see* Young people organizations
Girls (children) *see* Children
Girls'
  clothing *see* Garments
  clubs *see* Young people organizations
Gironde France *area* –447 1
Glacial
  action *see* Glaciology
  cosmogony *see* Cosmogony
  epoch
    geology 551.792
    paleontology 560.178
Glaciation *see* Glaciology
Glacier Co. Mont. *area* –786 52
Glaciers *see* Glaciology
Glaciology
  geography
    gen. wks. †910.02

Glaciology
geography (continued)
see also spec. places
geology **551.31**
Glades Co. Fla. *area* –759 51
Gladioluses *see* Iridales
Gladwin Co. Mich. *area* –774 72
Glamorgan Wales *area* –429 7
Glanders *see* Zoogenous diseases
Glands
anatomy
animals
vet. sci. **636.089+**
zoology 591.44
see also spec. animals
man **611.4**
diseases *see* Glandular diseases
physiology
animals
vet. sci. **636.089+**
zoology 591.14
see also spec. animals
man **612.4**
Glandular
diseases
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.4**
pediatrics **618.924+**
surgery **617.44**
Glarus Switzerland *area* –494 7
Glascock Co. Ga. *area* –758 666
Glass
arts
arch. decoration 729.8
gen. wks. **748**
breakage insurance
gen. wks. **368.6**
see also Financial institutions
manufacture
economics **338.47+**
technology **666.1**
properties
construction 691.6
engineering 620.144
textiles *see* Mineral textiles
Glasscock Co. Tex. *area* –764 872
Glass-crabs *see* Stomatopoda
Glassine
papers *see* Paper products
Glassware
production *see* Glass
table decor *see* Table decor
Glauberite *see* Anhydrous sulfates
Glaucoma *see* Eyeball disorders
Glauconites *see* Sedimentary rocks
Glaze
ice *see* Ice forms
transformation *see* Physical transformations
Glazing
windows *see* Windows
Glees *see* Choral music
Gleicheniaceae *see* Filicales
Gleichenias *see* Filicales
Glengarry Co. Ont. *area* –713 77
Glenn Co. Calif. *area* –794 31
Gliders *see* Heavier-than-air aircraft
Gliding
engineering *see* Aerodynamics
sports *see* Air sports
Gliomas *see* Neurological diseases
Glires
paleozoology **569.3**
zoology **599.32**
Globe
daisies *see* Lamiales
Globulariaceae *see* Lamiales
Globulins *see* Proteins
Glockenspiel *see* Percussion instruments
Gloria *see* Mass (religion)
Glorioso Isls. Indian Ocean *area* –694
Glossopharyngeal
neuralgia *see* Neurological diseases
Glossopteris
gen. wks. 561.597
see also *s.s.*–015+

Glottis
anatomy *see* Respiratory organs
diseases *see* Respiratory diseases
physiology *see* Respiration
speech organ *see* Speech organs
Gloucester Co.
Eng. *area* –424 1
N.B. *area* –715 12
N.J. *area* –749 81
Va. *area* –755 32
Gloves *see* Handwear
Gloxinias *see* Personales
Glucinum *see* Beryllium
Glucose *see* Sugars
Glues
manufacture
economics 338.47+
technology 668.31–.33
materials
engineering 620.199
see also spec. applications
Glutelins *see* Proteins
Gluttony
ethics 178.9
religion
Christian 241.3
see also other spec. rel.
Glycerin
chemistry 547.431
manufacture
economics 338.47+
technology 668.2
pharmacology
gen. wks. 615.3+
veterinary 636.089+
see also spec. products
Glycerites *see* Medicinal solutions
Glycerol *see* Glycerin
Glycine
max *see* Soybeans
Glycogen *see* Polysaccharides
Glycoproteins *see* Proteins
Glycosides *see* Sugars
Glynn Co. Ga. *area* –758 74
Glyptics
arts **736.2**
industry 688.2
Gnatcatchers *see* Sylviidae
Gnathobdellida *see* Hirudinea
Gnathophiurida *see* Ophiuroidea
Gnats
agricultural pests 632.7+
culture 638.57+
see also Orthorrhapha
Gneisses *see* Metamorphic rocks
Gnetaceae *see* Gnetales
Gnetales
botany 585.1
floriculture 635.935+
paleobotany 561.51
Gnetum *see* Gnetales
Gnomes *see* Supernatural beings
Gnosticism *see* Heresies
Gnu *see* Antelopes
Goa, Daman & Diu India *area* –547 99
Goat-hair
textiles *see* Speciality textiles
Goats
husbandry **636.39**
see also Bovoidea
Goatsuckers *see* Caprimulgiformes
Gobang *see* Checkers
Gobi Desert *area* –517 3
Gobies
culture 639.37+
fishing industries 639.27+
see also Acanthopterygii
Gobiodea *see* Acanthopterygii
Goblins *see* Ghosts
God
philosophy **110**
religion
Christian **231**
gen. wks. **211–212**
see also other spec. rel.
Goddesses *see* Deities
Godetias *see* Lythrales
Godhead *see* God
Gods *see* Deities
Goethite
mineralogy †549.525
see also Iron geology
Gogebic Co. Mich. *area* –774 98
Goiás Brazil *area* –817
Goiter *see* Endocrine disorders

Gold
alloys
manufacture
economics **338.47+**
technology **673.22**
metallurgy 669.22
properties
chemistry **546.656**
engineering 620.189 2+
metallography 669.952+
art metalwork *see* Goldsmithing
certificates *see* Paper money
coinage
finance **332.4**
see also Coins
compounds
chemistry **546.656**
manufacture 661.06+
pharmacology
gen. wks. 615.2+
veterinary 636.089+
fabrication *see* Goldsmithing
geology
gen. wks. 553.41
mineralogy
element 549.23
minerals *see spec. minerals*
industries
extractive
metallurgy 669.22
mining 622.342
manufacturing *see* Goldsmithing
metallography *see* Gold properties
mineralogy *see* Gold geology
mining *see* Gold industries
products *see spec. subj.*
properties
chemistry **546.656**
engineering 620.189 2+
metallography 669.952+
see also Radiochemistry
Golden Valley Co.
Mont. *area* –786 31
N.D. *area* –784 95
Golden
algae *see* Chrysophyta

Golden (continued)
Rule
ethics *see* Authoritarian ethics
religion
Christian 241.54
gen. wks. 291.5
see also other spec. rel.
Goldsmithing
arts **739.22**
manufacturing
economics **338.47+**
technology **673.22**
Goldwork *see* Goldsmithing
Golf
activity *see* Mallet games
equipment *see* Recreational equipment
Goliad Co. Tex. *area* –764 123
Goll
column *see* Spinal cord
Gomortegaceae *see* Laurales
Gondi *see* Dravidian
Gondolas
cars *see* Trains
ships *see* Hand-propelled craft
Gonorhynchoidea *see* Isospondyli
Gonorrhea *see* Venereal diseases
Gonystylaceae *see* Tiliales
Gonzales Co. Tex. *area* –764 257
Goochland Co. Va. *area* –755 455
Good Hope (cape) *see* Cape of Good Hope
Good
Friday
gen. wks. *see* Holy days
music *see* Penitential music
Goodeniaceae *see* Campanales
Goodhue Co. Minn. *area* –776 14
Gooding Co. Ida. *area* –796 36
Goodness
metaphysics 111.84
religion
gen. wks. 216
see also spec. rel.
Goose Creek Mts. Ida.
gen. wks. *area* –796 39
see also other areas

Goose *see* Geese
Gooseberries
agriculture
economics 338.17+
technology **634.725**
food 641.34+
marketing 658.809+
processing *see spec. products*
see also Saxifragales
Goosefoot *see* Chenopodiales
Gordididea *see* Nematomorpha
Gordon Co. Ga. *area* –758 36
Gore Range Colo.
gen. wks. *area* –788 45
see also other areas
Gorillas *see* Apes
Gorizia Italy *area* –†453 92
Gorki RSFSR *area* –478 1
Goshen Co. Wyo. *area* –787 18
Gospels
liturgy
gen. wks. 264.3–.4
spec. denominations 264.01–.09
N.T.
gen. wks. **226**
pseudepigrapha **229.8**
Gosper Co. Neb. *area* –782 387
Gossip *see* Vocal expressions
Gossypium *see* Cotton
Gotaland Sweden *area* –486
Goteborg och Bohus Sweden *area* –486
Gothic *see* Germanic
Gotland Sweden *area* –486
Gouache
painting *see* Painting arts
paintings *see* Paintings
Gourds *see* Cucurbita
Gout *see* Metabolic diseases
Gove Co. Kan. *area* –781 15
Governing
leaders
govt. *see* Chief executives
religion *see* Clergy
Government (state)
executive branch **350**
judicial branch **347.9**
legislative branch **328**

Government
buildings
architecture **725.1**
construction
economics **338.47+**
technology **690.5+**
housekeeping **647.96+**
interior decoration **747.8+**
employees *see* Public servants
grants *see* Denationalization
libraries
gen. wks. **027.5**
spec. groups 027.65
see also Special libraries
publishing *see* Publishing
vessels
construction & eng. **623.825–.826**
mil. sci. **359.32+**
see also Public
Governmental
accountability
gen. wks. **350.9**
see also spec. levels of govt.
areas *see* Civic centers
Gowns *see* Garments
Grace
religion
Christian **234.1**
gen. wks. 291.22
see also other spec. rel.
see also Prayers
Grade
schools *see* Elementary schools
Grade-school
children *see* Children
libraries *see* School libraries
Grading
crops *see* Terminal operations
lumber *see* Lumber industries
Gradual *see* Mass (religion)
Graduate
schools *see* Universities
Grady Co.
Ga. *area* –758 986
Okla. *area* –766 54
Graft *see* Offenses

Grafting
equipment
agriculture
gen. wks. 631.34
see also spec. crops
manufacture
economics 338.47+
technology 681.7
techniques
gen. wks. 631.541
see also spec. crops
Grafton Co. N.H. *area* –742 3
Graham Co.
Ariz. *area* –791 54
Kan. *area* –781 16
N.C. *area* –756 97
Grail
legends *see* Mythology
Grain
elevators
agriculture
gen. wks. 631.23
see also spec. crops
see also Storage buildings
processing *see* Milling grains
Grainger Co. Tenn. *area* –768 93
Graining
woodwork *see* Trims
Graminales
botany **584.9**
paleobotany 561.49
Gramineae *see* Graminales
Grammar
gen. wks. 415
study & teaching
elementary ed. 372.61
see also *s.s.*–07
see also spec. languages
Grammar-school
children *see* Children
libraries *see* School libraries
Grammar-schools *see* Elementary schools
Gramophone
records *see* Recordings
Grampian Mts. Scotland *area* **–412**
Gran Chaco
gen. wks. *area* –823
Paraguay *area* –892 2
Granada Spain *area* –468 2
Granaries *see* Farm buildings
Grand
Canyon Ariz. *area* –791 32
Coulee Wash.
gen. wks. *area* –797 31
see also other areas
Co.
Colo. *area* –788 65
Utah *area* –792 58
Forks Co. N.D. *area* –784 16
Isle Co. Vt. *area* –743 1
Lake La.
gen. wks. *area* –763 49
see also other areas
River S.D.
gen. wks. *area* –†783 5
see also other areas
Traverse Co. Mich. *area* –774 64
Grand
Army of the Republic *see* Patriotic societies
juries *see* Judicial system
maneuvers *see* Training maneuvers
Old Party *see* Political parties
Grandstands *see* Recreation buildings
Granite Co. Mont. *area* –786 88
Granite
art *see* Sculpture
construction *see* Granite industries
geology
deposits 553.52
petrology 552.3
see also spec. minerals
industries
construction
economics 338.47+
technology 693.1
extractive
economics 338.27+
technology 622.35+
mining *see* Granite industries
petrology *see* Granite geology
properties
construction 691.2
engineering 620.132

Granite (continued)
quarrying *see* Granite industries
see also Plutonic rocks
Granodiorites *see* Plutonic rocks
Grant
Co.
Ark. *area* –767 71
Ind. *area* –772 69
Kan. *area* –781 72
Ky. *area* –769 395
Minn. *area* –776 44
Neb. *area* –782 78
N.M. *area* –789 69
N.D. *area* –784 87
Okla. *area* –766 23
Ore. *area* –795 78
S.D. *area* –783 24
Wash. *area* –797 32
W.Va. *area* –754 92
Wis. *area* –775 77
Par. La. *area* –763 67
Granulites *see* Metamorphic rocks
Granville Co. N.C. *area* –756 535
Grape
ferns *see* Eusporangiated ferns
wines *see* Wines
Grapefruit
agriculture
economics 338.17+
technology 634.32
food 641.34+
marketing 658.809+
processing *see spec. products*
see also Rutales
Grapes
agriculture
economics 338.17+
technology **634.8**
food 641.34+
marketing 658.809+
processing *see spec. products*
see also Rhamnales
Graphic
arts
creative **760**
industrial
economics **338.47+**
technology **655.1–.3**
Graphic (continued)
expressions
psychology
animals †156.2+
gen. wks. †152.384 5
see also spec. forms
illustrations
geography **912**
see also *s.s.*–†022
statics *see* Statics
Graphite
geology 553.26
industries
extractive
economics 338.27+
technology 622.33+
manufacturing *see spec. ind.*
processing
economics 338.47+
technology †662.92
mining *see* Graphite industries
products *see* Graphite industries
synthetic *see* Synthetic minerals
see also spec. applications
Graphology
crime detection 364.122
diagnostic †155.282
divinatory 137.7
Graphtolitoidea *see* Hydrozoa
Grass
wax *see* Waxes
Grasses
fodder
gen. wks. 636.086
see also spec. animals
plants
field crops **633**
floriculture
gen. wks. **635.934+**
see also Ground cover
see also Graminales
Grasshoppers
agricultural pests 632.7+
culture 638.57+
see also Orthoptera

Grasslands
economics
gen. wks. 333.74
see also Real estate
geography
gen. wks. 910.091+
physical †910.02+
history 909.09+
subj. treatment *area* –153
see also spec. areas
Gratiot Co. Mich. *area* –774 49
Gratitude *see* Virtues
Gravel
geology
deposits 553.62
petrology 552.5
see also spec. minerals
industries
construction *see spec. ind.*
extractive
economics 338.27+
technology 622.36+
mining *see* Gravel industries
petrology see Gravel geology
properties
construction 691.2
engineering
gen. wks. 620.191
see also spec. applications
quarrying *see* Gravel industries
roads *see* Trafficways
see also other spec. applications
Graves Co. Ky. *area* –769 93
Graves *see* Cemeteries
Graves' disease *see* Endocrine disorders
Graveyards *see* Cemeteries
Gravies *see* Auxiliary foods
Gravimetric
analysis
gen. wks. 545.1
organic 547.35+
Graving
docks *see* Shipyards
Gravitation
astronomy 521.12
physics 531.5
Gravitational
physical exploration *see* Geophysical exploration
Gravity
concentration *see* Ore dressing
determinations
geodesy 526.7
physics 531.54
effects
biophysics *see* Biophysics
mechanics
solids 531.52
see also spec. branches
planes *see* Materials-handling equipment
railways *see* Special-purpose railways
Gravity-circulation
systems *see* Warm-air heating
Gravure
printing *see* Metal engraving
Gray Co.
Kan. *area* –781 74
Tex. *area* –764 827
Gray
Friars *see* Franciscans
Grays
Harbor Co. Wash. *area* –797 95
Lake Ida.
gen. wks. *area* –796 53
see also other areas
Grayson Co.
Ky. *area* –769 84
Tex. *area* –764 557
Va. *area* –755 717
Grazing
land *see* Grasslands
Greasing *see* Lubrication
Greaseproof
papers *see* Paper products
Great
Barrier Reef Australia *area* –943
Basin U.S. *area* **–79**
Britain *area* **–42**
Lakes
Canada *area* **–713**
gen. wks. *area* **–77**
see also spec. lakes

Salt Lake
gen. wks. *area* –792 42
see also other areas
Salt Lake Desert
gen. wks. *area* –792 43
see also other areas
Sand Dunes Nat. Monument
gen. wks. *area* –788 49
see also other areas
Smoky Mts. *area* **–768 89**
Valley Calif. *see* Central Valley
Great
Danes *see* Working dogs
Pyrenees
dogs *see* Working dogs
schism
church history 270.38
see also Heresies
Greatest
common
divisor *see* Factoring
Grebes
culture 636.6
hunting
industries 639.12+
sports 799.248+
see also Colymbiformes
Greco-Roman
wrestling *see* Unarmed combat
Greece
ancient *area* **–38**
modern *area* **–495**
Greediness *see* Gluttony
Greek isls.
Aegean Sea *see* Aegean Sea isls.
Ionian *see* Ionian Isls.
Greek
ethnic groups *area* –174+
languages
classical 481–488
modern †489.3
lingual groups *area* –175+
religion *see* Classical religions
see also other spec. subj.
Greek-letter
societies *see* Organizations
Greeley Co.
Kan. *area* –781 41
Neb. *area* –782 49
Green
Bay
gen. wks. *area* **–775 3**
see also other areas
Co.
Ky. *area* –769 695
Wis. *area* –775 86
Lake Co. Wis. *area* –775 59
Mts. Vt. *area* **–743**
River (Ky.)
gen. wks. *area* **–769 8**
see also other areas
River (western U.S.)
gen. wks. *area* **–792 21**
Wyo. *area* –787 85
Green
algae *see* Chlorophyta
fodder *see* Fodder
manures
agriculture
gen. wks. 631.874
see also spec. crops
marketing 658.809+
processing
economics 338.47+
technology 668.63+
peppers *see* Peppers
Greenback
Party *see* Political parties
Greenbacks *see* Paper money
Greenbrier
Co. W.Va. *area* –754 88
River W.Va. *area* **–754 8**
Greene Co.
Ala. *area* –761 42
Ark. *area* –767 99
Ga. *area* –758 61
Ill. *area* –773 84
Ind. *area* –772 42
Ia. *area* –777 466
Miss. *area* –762 17
Mo. *area* –778 78
N.Y. *area* –747 37
N.C. *area* –756 39
O. *area* –771 74
Pa. *area* –748 83
Tenn. *area* –768 91
Va. *area* –755 375

Greenhouse
gardening
gen. wks. 635.982
see also spec. plants
Greenhouses
agriculture
gen. wks. 631.34
see also spec. crops
architecture 728.9
construction 690.8+
see also Forcing techniques
Greenland *area* –982
Greenlee Co. Ariz. *area* –791 51
Greenockite
mineralogy 549.32
see also Cadmium geology
Green's
theorem *see* Multiple integrals
Greensands *see* Sedimentary rocks
Greensville Co. Va. *area* –755 57
Greenup Co. Ky. *area* –769 29
Greenville Co. S.C. *area* –757 27
Greenwich London *area* –421 6
Greenwood Co.
Kan. *area* –781 91
S.C. *area* –757 33
Greer Co. Okla. *area* –766 44
Gregg Co. Tex. *area* –764 189
Gregg
shorthand systems
bus. tech. 653.427
see also spec. applications
Gregory Co. S.D. *area* –783 59
Gremlins *see* Supernatural beings
Grenada, West Indies *area* –729 845
Grenada Co. Miss. *area* –762 635
Grenades *see* Low-velocity projectiles
Grenadiers *see* Infantry
Grenadines West Indies *area* –729 844
Grenadines *see* Openwork fabrics
Grenville Co. Ont. *area* –713 74
Grey Co. Ont. *area* –713 18
Greyhounds *see* Hounds
Greyiaceae *see* Cunoniales
Grids *see* Electronic tubes
Grievances
employee *see* Employer-employee relationships
law *see* Torts
Griffons *see* Miniature dogs
Griggs Co. N.D. *area* –784 34
Grignards *see* Metallic compounds
Grill
cookery *see* Special-equipment cookery
Grilling
cookery *see* Cooking processes
Grimes Co. Tex. *area* –764 243
Grimoire *see* Magic arts
Grinding (process)
chem. tech. *see* Unit operations
Grinding
metals *see* Machining metals
metalwork *see* Machine-shop practice
ores *see* Ore dressing
Grinding-machinery *see* Abrading-machinery
Grindstones *see* Abrading-machinery
Grippe *see* Respiratory diseases
Grisons Switzerland *area* –494 7
Groningen Netherlands *area* –492 1
Grooming
livestock
gen. wks. 636.083 3
see also spec. animals
personal *see* Personal grooming
Grooving-machinery *see* Planing-machinery
Gros Ventre Range Wyo.
gen. wks. *area* –787 55
see also other areas
Grosbeaks *see* Finches
Gross
national product *see* National income accounts
Grosseto Italy *area* –455 7
Grossulariaceae *see* Cunoniales

Grotesque
art representations
sculpture
gen. wks. 731.52
see also spec. artists
see also other art forms
Grottoes
general *see* Caves
sacred *see* Sacred places
Ground
cover
floriculture
gen. wks. 635.964
see also spec. plants
landscape element 716
forces *see* Land forces
ice *see* Frost
substances
histology *see* Histology
support systems *see* Logistics
waters
geography
gen. wks. 910.091+
physical †910.02+
geology
activities 551.3
morphology 551.49
resources 553.79
see also *area* –169 8
Ground-cherries
agriculture
economics 338.17+
technology 634.77
food 641.34+
marketing 658.809+
processing *see spec. products*
see also Solanales
Ground-effect
machines *see* Air-cushion vehicles
Grounding
devices *see* Control devices
Groundsels *see* Asterales
Groundwood
process *see* Pulping
Group
behavior
sociology 301.15
see also Behavior
dynamics *see* Group behavior
Group (continued)
guidance *see* Counseling
morale *see* Morale
Groups
algebra
gen. wks. **512.86**
see also **s.s.–015+**
sociology *see* Group behavior
Grouse
conservation 639.97+
culture 636.5
food *see* Poultry
hunting
industries 639.12+
sports 799.248+
see also Galli
Growlers *see* Ice forms
Growth
biology
animals 591.13
gen. wks. 574.13
plants 581.134–.135
see also spec. organisms
med. sci.
animals
gen. wks. **636.089+**
see also spec. animals
man **612.6**
Grubbiaceae *see* Santalales
Grues *see* Gruiformes
Gruiformes
paleozoology 568.3
zoology 598.3
Grundy Co.
Ill. *area* –773 265
Ia. *area* –777 537
Mo. *area* –778 215
Tenn. *area* –768 78
Guadalajara Spain *area* –464 9
Guadalupe
Co.
N.M. *area* –789 25
Tex. *area* –764 34
River Tex.
gen. wks. *area* –764 1
see also other areas
Guadeloupe West Indies *area* –†729 76
Guairá Paraguay *area* –892 1
Guajira Colombia *area* –861 1
Guanabara Brazil *area* –815

Guanaco
  woolens *see* Specialty textiles
Guanacos *see* Llamas
Guanajuato Mexico *area* –724
Guano
  fertilizers
    agriculture
      gen. wks. 631.866
      see also spec. crops
    marketing 658.809+
    processing
      economics 338.47+
      technology 668.63+
Guans
  hunting
    industries 639.12+
    sports 799.248+
  see also Galli
Guarani *see* Amerindians
Guaranteed
  annual wage *see* Wages
Guard
  animals *see* Working animals
  duty *see* Logistics
  houses *see* Transportation buildings
  units *see* Organizational units
Guarda Portugal *area* –469 31
Guardhouses *see* Quarters
Guárico Venezuela *area* –874
Guatemala *area* –728 1
Guavas
  agriculture
    economics 338.17+
    technology 634.421
  food 641.34+
  marketing 658.809+
  processing *see spec. products*
  see also Myrtales
Guayas Ecuador *area* –866 3
Guayule
  agriculture
    economics 338.17+
    technology 633.895 9
  latex *see* Elastomers
  processing *see spec. products*
  see also Asterales
Guernsey Co. O. *area* –771 92
Guerrero Mexico *area* –727
Guerrilla
  troops *see* Infantry
  warfare
    international law 341.31
    mil. sci. 355.425
    see also hist. of spec. wars
Guessing
  games
    entertainment 793.5–.7
    folklore 398.8
Guiana ***area* –88**
Guidance
  counsel *see* Counseling
  systems *see* Command systems
Guided
  aircraft *see* Heavier-than-air aircraft
  missile
    launchers *see* Artillery (pieces)
    launching forces *see* Artillery forces
  missiles
    manufacture
      economics 338.47+
      technology 623.451 9
    mil. sci.
      gen. wks. 355.82
      see also spec. mil. forces
Guienne France ***area* –447**
Guild
  socialism *see* Ideal states
Guilford Co. N.C. *area* –756 62
Guinea
  coast
    lower ***area* –671**
    upper ***area* –665**
  gulf *see* Atlantic Ocean
  isls. ***area* –669 9**
Guinea
  fowl
    conservation 639.97+
    culture 636.593
    food *see* Poultry
    hunting
      industries 639.12+
      sports 799.248+
    see also Galli
  pigs *see* Hystricomorphs
Guipúzcoa Spain *area* –466 1
Guitarfishes *see* Batoidea

Guitars
  manufacture
    economics 338.47+
    technology 681.81+
  music 787.61
Gujarat India *area* –†547 5
Gujarati-Rajasthani *see* Prakrits
Gulf
  Coast states U.S. ***area* –76**
  Co. Fla. *area* –759 947
Gulfs *see* Marine waters
Gulls
  culture 636.6
  hunting
    industries 639.12+
    sports 799.248+
  see also Charadriiformes
Gum
  arabic *see* Polysaccharides
  trees
    culture 635.977+
    forestry 634.973+
    see also Hamamelidales
Gum-bichromate
  process *see* Special-process photography
Gumbo *see* Okra
Gumma Japan *area* –521 3
Gums
  chicle products *see* Chewing-gum
  forest products *see* Saps
Gumusane Turkey *area* –565
Gun
  carriages *see* Gun mounts
  dogs
    culture 636.752
    use
      hunting †799.234
      see also other purposes
    see also Canidae
  metal *see* Cooper alloys
  mounts
    art metalwork 739.74+
    customs *see* War customs
    industries
      economics 338.47+
      technology 623.43
    mil. sci.
      gen. wks. 355.82
      see also spec. mil. branches
Gunboats *see* Warships
Gunnery
  engineering 623.55–.59
  training
    gen. wks. 355.5
    see also spec. mil. branches
Gunnison Co. Colo. *area* –788 41
Guns *see* Artillery (pieces)
Gunshot
  wounds *see* Injuries
Gunsmithing *see* Small arms
Guntersville Res. Ala.
  gen. wks. *area* –761 94
  see also other areas
Gushers *see* Petroleum oils
Gustatory
  perception
    animals †156.2+
    gen. wks. †152.167
Guthrie Co. Ia. *area* –777 49
Gutta-percha
  agriculture
    economics 338.17+
    technology 633.895 9
  latex *see* Elastomers
  processing *see spec. products*
  see also Ebenales
Gutters
  buildings 695.96
  see also Drainage structures
Guttiferae *see* Guttiferales
Guttiferales
  botany 583.163
  floriculture 635.933+
Guyandot River W.Va. ***area* –754 4**
Guysborough Co. N.S. *area* –716 21
Gwinnett Co. Ga. *area* –758 22
Gymnasiums
  gen. wks. *see* Recreation buildings
  school equipment *see* School buildings
Gymnastics
  customs 394.3
  gen. wks. 796.4
  hygiene 613.7
  medical *see* Medical gymnastics
  see also Circuses
Gymnodiniales *see* Pyrrophyta

Gymnolaemata
culture 639.7
paleozoology 564.7
zoology 594.71
Gymnospermae
botany 585
floriculture 635.935
paleobotany 561.5
Gymnosperms
forestry 634.975
see also Gymnospermae
Gynecological
nursing *see* Nursing
Gynecology
medicine 618.1
vet. sci.
gen. wks. 636.089+
see also spec. animals
see also Obstetrics
Gypsite *see* Gypsum geology
Gypsophilia *see* Caryophyllales
Gypsum
geology
gen. wks. 553.635
mineralogy 549.755
petrology 552.5
industries
extractive
economics 338.27+
technology 622.36+
manufacturing
economics 338.47+
technology 666.92
mineralogy *see* Gypsum geology
mining *see* Gypsum industries
petrology *see* Gypsum geology
plasters *see* Adhesives
properties
construction 691.5
engineering 620.15
quarrying *see* Gypsum industries
soil conditioners *see* Soil conditioners
see also Calcium compounds
Gypsy *see* Gipsy
Gyrinoidea *see* Adephaga
Gyrocompasses
gen. wks. *see* Direction finders
nautical *see* Nautical equipment
Gyrodynamics
physics
mechanics
solids 531.34
see also spec. branches
see also spec. applications
Gyroplanes *see* Havier-than-air aircraft
Gyroscopes
astronomy 525.35
see also Gyrodynamics
Gyrostabilizers
aircraft
equipment 629.135 2
manufacture
economics 338.47+
technology 681.7
nautical *see* Nautical equipment

H

HE
projectiles *see* Special-purpose projectiles
HEAT
projectiles *see* Special-purpose projectiles
HVAP
projectiles *see* Special-purpose projectiles
H vitamin *see* Vitamins
Haakon Co. S.D. *area* –783 56
Habacuc (O.T.) *see* Minor prophets
Habakkuk (O.T.) *see* Minor prophets
Haberdashery *see* Garments
Habersham Co. Ga. *area* –758 125
Habit
formation
child training 649.6
psychology
animals †156.2+
gen. wks. †152.33
Habitat *see* Ecology

Habits
psychology *see* Habit formation
sociology *see* Social customs
Habitual
criminals *see* Offenders
Hackberry
trees
culture 635.977+
forestry 634.973+
see also Urticales
Hackensack River N.J.
gen. wks. *area* –749 21
see also other areas
Hackney London *area* –421 4
Haderslev Denmark *area* –489 5
Hadhramaut *area* –†533 5
Hadith
literature 809.935
religion 297.124
Hadromerina *see* Porifera
Haemodoraceae *see* Haemodorales
Haemodorales
botany 584.2
floriculture 635.934+
Hafnium
compounds
chemistry 546.514
manufacture 661.05+
fabrication *see* Hafnium industries
geology
gen. wks. †553.499
mineralogy *see spec. minerals*
industries
extractive
metallurgy 669.79
mining 622.349+
manufacturing
economics 338.47+
technology 673.79
metallography *see* Hafnium properties
mineralogy *see spec. minerals*
mining *see* Hafnium industries
products *see spec. subj.*
Hafnium (continued)
properties
chemistry 546.514
engineering 620.189 9
metallography 669.957+
see also Radiochemistry
Haggadah *see* Midrash
Haggai (O.T.) *see* Minor prophets
Hagiography *see* Saints
Hail
precipitation
climatology 551.64+
meteorology †551.578 7
see also Ice forms
Hailstones *see* Hail
Hailstorms *see* Storms
Hainaut Belgium *area* –493 4
Hair
preparations *see* Cosmetics
styles *see* Hairdressing
Hairdressing
men *see* Barbering
women
customs 391.5
practice
economics 338.47+
technology 646.724
Hairdressing-shops *see* Beauty shops
Haiti *area* –729 4
Hakari Turkey *area* –566 2
Halakah *see* Midrash
Halas *see* Pandanales
Haldimand Co. Ont. *area* –713 37
Hale Co.
Ala. *area* –761 43
Tex. *area* –764 842
Halfbeaks
culture 639.375+
fishing
industries
economics 338.372+
technology 639.27+
sports 799.17+
see also Mesichthyes
Haliburton Co. Ont. *area* –713 61
Halibut
culture 639.375+

Halibut (continued)
fishing
industries
economics 338.372+
technology 639.27+
sports 799.17+
food
cookery 641.69+
gen. wks. 641.39+
see also Acanthopterygii
Halibut-liver oil *see* Fish-liver oils
Halides
chemistry *see* Halogen compounds
mineralogy
gen. wks. 549.4
see also Halogen geology
Halifax Co.
N.C. *area* –756 48
N.S. *area* –716 22
Va. *area* –755 66
Halites
chemistry *see* Halogen compounds
mineralogy 549.4
Hall Co.
Ga. *area* –758 27
Neb. *area* –782 41
Tex. *area* –764 753
Halland Sweden *area* –486
Halle Germany *area* –431 8
Hallel *see* Psalms
Hallucinogenic
drugs *see* Psychotrophic drugs
Halogen
compounds
chemistry
inorganic **546.73**
organic 547.02
manufacture
inorganic **661.07+**
organic **661.891**
pharmacology
gen. wks.
inorganic 615.2+
organic **615.3**
veterinary **636.089+**
derivatives *see* Halogen compounds
Halogen (continued)
fabrication *see* Halogen industries
geology
gen. wks. **553.6**
mineralogy
gen. wks. 549.4
see also spec. minerals
industries
manufacturing
economics 338.47+
technology 665.83
mining
economics **338.27+**
technology **622.36–.37**
metabolism *see* Metabolism
mineralogy *see* Halogen geology
mining *see* Halogen industries
products *see spec. subj.*
properties
chemistry **546.73**
see also Radiochemistry
Halogenated
compounds *see* Halogen compounds
products *see spec. subj.*
Halogenation
chem. tech.
gen. wks. 660.284 4+
see also spec. products
chemistry
inorganic **546.73**
organic 547.223
Halogenides *see* Halogen compounds
Halophytes *see* Xerophytes
Halorrhagaceae *see* Lythrales
Halos
meteorology †551.567
physics 535.4
Halton Co. Ont. *area* –713 53
Ham (food) *see* Red meats
Ham
radio stations *see* Broadcasting stations
Hamadan Iran *area* –555
Hamamelidaceae *see* Hamamelidales
Hamamelidales
botany 583.394
floriculture 635.933+

Hamblen Co. Tenn. *area* –768 92
Hamburg Germany *area* –435 15
Häme Finland *area* –471 3
Hamilton Co.
Fla. *area* –759 84
Ill. *area* –773 95
Ind. *area* –772 56
Ia. *area* –777 52
Kan. *area* –781 415
Neb. *area* –782 354
N.Y. *area* –747 52
O. *area* –771 77
Tenn. *area* –768 82
Tex. *area* –764 549
Hamitic
ethnic groups *area* –174+
languages **493.1–.5**
lingual groups *area* **–175+**
see also other spec. subj.
Hamitic Ethiopian *see* Cushitic
Hamlets *see* Communities
Hamlin Co. S.D. *area* –783 26
Hammering
metals
arts 739.14
technology
gen. wks. 671.3
see also spec. metals
Hammers *see* Fastening-machinery
Hammersmith London *area* –421 3
Hampden Co. Mass. *area* –744 26
Hampers *see* Luggage
Hampshire, Eng. *area* –422 7
Hampshire Co.
Mass. *area* –744 23
W.Va. *area* –754 95
Hampstead London *area* –421 4
Hampton (city) Va. *area* –755 41
Hampton Co. S.C. *area* –757 97
Hamsters *see* Hystricomorphs
Hancock Co.
Ga. *area* –758 62
Ill. *area* –773 43
Ind. *area* –772 58
Ia. *area* –777 24
Ky. *area* –769 86
Me. *area* –741 45
Miss. *area* –762 14
O. *area* –771 19
Tenn. *area* –768 946
W.Va. *area* –754 12
Hand Co. S.D. *area* –783 28
Hand
forging *see* Small forge work
looms *see* Looms
organs *see* Mechanical musical instruments
pumps *see* Pumps
tools
agriculture *see* Agricultural tools
engineering
economics 338.47+
technology
gen. wks. 621.908
see also spec. branches
see also spec. applications
Handbags *see* Luggage
Handball *see* Simple ball games
Handbill
papers *see* Paper products
Handcars *see* Trains
Handcrafted
products *see* Handcrafts
Handcrafts
arts **745.5**
industry
economics
gen. wks. **338.47+**
system †338.64
management **658.92+**
technology **680**
study & teaching
elementary ed. 372.55
see also ***s.s.–07***
see also spec. crafts
Handedness *see* Habit formation
Handicapped
children *see* Exceptional children
people *see* Disabled people
Handicrafts *see* Handcrafts
Handkerchiefs
customs 391.4
home sewing 646.48
manufacture
economics 338.47+
technology 687.19
marketing 658.809+

Hand-propelled
craft
construction
economics 338.47+
technology 623.829
see also Transportation services
Handwear
customs 391.41
manufacture
economics 338.47+
technology 685.4
marketing 658.809+
Handwriting (skill)
bus. tech. 652.1
study & teaching
elementary ed. †372.6
see also s.s.–07
see also Graphic expressions
Handwriting
analysis *see* Graphology
Hangars *see* Transportation buildings
Hanover, Germany *area* –435
Hanover Co. Va. *area* –755 46
Hansen's
disease
medicine 616.998
pediatrics 618.929+
pub. health 614.546
Hansford Co. Tex. *area* –764 814
Hanson Co. S.D. *area* –783 373
Hants Co.
Eng. *see* Hampshire
N.S. *area* –716 35
Hanukkah *see* Holy days
Haplomi *see* Mesichthyes
Haplosclerina *see* Porifera
Happiness
philosophy *see* Hedonism
pseudopsychology 131.3
Haralson Co. Ga. *area* –758 38
Harbor
buildings *see* Transportation buildings
piloting *see* Navigation
safety *see* Safety measures
Harbors
eng. & construction
economics 338.47+
Harbors
eng. & construction (continued)
technology
gen. wks. **627.2**
military 623.64
geography *see spec. places*
see also Transportation services
Hard
cider *see* Wines
money *see* Money
Hardanger *see* Embroidery
Hardee Co. Fla. *area* –759 57
Hardeman Co.
Tenn. *area* –768 28
Tex. *area* –764 747
Hardening
metals *see* Heat treatment
Hardin Co.
Ill. *area* –773 98
Ia. *area* –777 53
Ky. *area* –769 845
O. *area* –771 44
Tenn. *area* –768 31
Tex. *area* –764 157
Harding Co.
N.M. *area* –789 24
S.D. *area* –783 42
Hardness
crystallography 548.842
engineering
materials 620.112 6
structures 624.171
see also spec. kinds
physics 531.38
Hard-of-hearing (disorder) *see* Audiology
Hard-of-hearing
children *see* Exceptional children
people *see* Deaf people
Hardware
household goods
manufacture
economics 338.47+
technology 683.8
marketing 658.809+
see also spec. applications
see also spec. branches of eng.
Hardwood *see* Lumber
Hardy Co. W.Va. *area* –754 93

Hares *see* Lagomorphs
Harford Co. Md. *area* –752 74
Harlan Co.
Ky. *area* –769 154
Neb. *area* –782 38
Harmon Co. Okla. *area* –766 445
Harmonicas
percussion instruments *see* Percussion instruments
reed instruments *see* Reed instruments
Harmonics
mathematics
calculus 517.35
geometry 516.56
see also s.s.–015+
music 781.1
physics 534.3
Harmoniums *see* Reed organs
Harmony
arts *see* Composition
Biblical
gen. wks. 220.65
see also spec. parts
Harness
horses *see* Carriage horses
making *see* Saddlery
racing
horses *see* Equestrian sports
Harnesses
livestock equipment 636.083 7
manufacture *see* Saddlery
Harnett Co. N.C. *area* –756 36
Harney Co. Ore. *area* –795 95
Harper Co.
Kan. *area* –781 845
Okla. *area* –766 15
Harps
manufacture
economics 338.47+
technology 681.81+
music 787.5
Harpsichords *see* Keyboard string instruments
Harquebuses *see* Small arms
Harriers *see* Hounds
Harrington Lake Ky.
gen. wks. *area* –769 485
see also other areas
Harris Co.
Ga. *area* –758 466
Tex. **area –764 14**
Harrison Co.
Ind. *area* –772 21
Ia. *area* –777 47
Ky. *area* –769 41
Miss. *area* –762 13
Mo. *area* –778 17
O. *area* –771 68
Tex. *area* –764 19
W.Va. *area* –754 57
Harrisonburg Va. *area* –755 92
Harrows
agriculture
gen. wks. 631.313
see also Tillage
manufacture
economics 338.47+
technology 681.7
Hart Co.
Ga. *area* –758 155
Ky. *area* –769 715
Hartford Co. Conn. *area* –746 2
Hartley Co. Tex. *area* –764 823
Harvesters *see* Harvesting equipment
Harvesting
equipment
agriculture
gen. wks. 631.35
see also spec. crops
manufacture
economics 338.47+
technology 681.7
techniques
gen. wks. 631.55
see also spec. crops
Harvestmen
agricultural pests 632.6+
culture 639.5
see also Phalangeda
Harvey Co. Kan. *area* –781 85
Hasa Saudi Arabia *area* –†538
Haskell Co.
Kan. *area* –781 73
Okla. *area* –766 77
Tex. *area* –764 736
Hasps *see* Locksmithing
Hassocks *see* Furniture
Hastings Co. Ont. *area* –713 58
Hatay Turkey *area* –564

Hatred
faults *see* Evils
psychology *see* Emotions
Hats *see* Garments
Haulage
systems *see* Materials-handling equipment
Haunted
places
folklore
hist. & criticism 398.323
legends †398.23
occultism 133.12
Hausa
ethnic groups *area* –174+
language 496.91
lingual groups *area* –†175+
see also other spec. subj.
Haute-Garonne France *area* –448 6
Haute-Loire France *area* –448 1
Haute-Marne France *area* –443 32
Hautes-Alpes France *area* –449 7
Haute-Saône France *area* –444 53
Haute-Savoie France *area* –444 9
Hautes-Pyrénées France *area* –447 8
Haute-Vienne France *area* –446 6
Haut-Rhin France *area* –443 833
Hawaii *area* –969
Hawaiian
ethnics *see* Austronesian
guitars *see* Ukuleles
Hawke's Bay N.Z. *area* –931 25
Hawkins Co. Tenn. *area* –768 95
Hawks
agricultural pests 632.6+
culture 636.686 9
hunting
industries 639.12+
sports 799.248+
see also Falconiformes
Hawsers
manufacture
economics 338.47+
technology
gen. wks. 671.84
see also spec. materials
structural form *see* Structural forms
Hawthorn
trees
culture 635.977+
forestry 634.973+
see also Rosales
Hay *see* Fodder
Hay fever *see* Respiratory disorders
Hayes Co. Neb. *area* –782 83
Hays Co. Tex. *area* –764 888
Haywood Co.
N.C. *area* –756 94
Tenn. *area* –768 22
Haze *see* Physical transformations
Hazelnuts *see* Filberts
Head (anatomic)
anatomy
gen. wks. 591.49
see also spec. animals
med. sci.
anatomy
animals
gen. wks. 636.089+
see also spec. animals
man 611.91
surgery
animals
gen. wks. 636.089+
see also spec. animals
man 617.51
see also spec. disorders
see also Craniology
Head
cabbage *see* Cabbages
hunting *see* War customs
Headaches *see* Symptomatology
Headdress *see* Hairdressing
Headgear *see* Garments
Health
buildings
architecture 725.5
construction
economics 338.47+
technology 690.5+
housekeeping 647.96+
interior decoration 747.8+
mil. sci.
gen. wks. 355.72
see also spec. mil. branches
departments *see* Executive departments
education *see* Hygiene
insurance
govt. sponsored 368.42

Health
insurance (continued)
voluntary 368.38
see also Financial institutions
programs
gen. *see* Hygiene
personnel management
business 658.382
government
gen. wks. 350.162 2
see also spec. levels of govt.
public *see* Public health
schools *see* Hygiene
services
gen. wks. *see* Medical social work
mil. sci. *see* Special services
Heard Co. Ga. *area* –758 42
Hearing *see* Audiology
Heart
anatomy
animals
vet. sci. 636.089+
zoology 591.41
see also spec. animals
man 611.12
depressants *see* Cardiovascular drugs
diseases *see* Cardiac disorders
physiology
animals
vet. sci. 636.089+
zoology 591.11
see also spec. animals
man 612.17
stimulants *see* Cardiovascular drugs
Hearts (game) *see* Card games
Heat
engines *see* Power plants
losses
circuitry *see* Circuitry
gen. wks. *see* Heat transfer
perception *see* Cutaneous perceptions
Heat (continued)
pumps
engineering
economics 338.47+
technology
heating systems 697.324
refrigeration 621.563
see also External-combustion engines
see also spec. applications
rashes *see* Skin disorders
therapy *see* Thermotherapies
transfer
chem. tech. *see* Unit operations
crystallography †548.86
engineering
gen. wks. 621.402 2
see also spec. applications
meteorology 551.527 2–.527 3
physics 536.2
transmission *see* Heat transfer
treatment
metals
gen. wks. 671.36
see also spec. metals
see also other spec. items
see also Thermology
Heat-drying
chem. tech. *see* Unit operations
Heath (plant) *see* Ericales
Heath
plants *see* Hydrophytes
Heather *see* Ericales
Heating-equipment
art 749.62
engineering *see* Heating-systems
ind. management 658.25
manufacture
economics 338.47+
technology 683.88
marketing 658.809+
see also spec. items
Heating-fixtures *see* Heating-equipment

Heating-systems
engineering
economics 338.47+
technology
buildings **697**
mines 622.43
ships 623.853 7
see also other spec. structures
spec. applications
homes 644.1
libraries 022.8
museums 069.2
schools *see* School buildings
Heat-pump
heating *see* Heat pumps
Heat-resistant
construction *see* Resistant construction
Heatstroke *see* Injuries
Heaven
folklore
hist. & criticism 398.4
legends 398.2
religion
Christian †236.24
gen. wks. 291.23
see also other spec. rel.
Heavier-than-air
aircraft
architecture 725.99
construction
economics **338.47+**
technology
gen. wks. **629.133 3**
military **623.746**
see also Transportation services
Heaviside
layers *see* Ionosphere
Heavy
chemicals *see* Industrial chemicals
hydrogen *see* Hydrogen
spar *see* Barite
water
chem. tech. 661.08
chemistry 546.22
Hebrew
ethnic groups 174+
language **492.41–.48**
Hebrew (continued)
lingual groups 175+
see also other spec. subj.
Hebrews
ethnic groups *see* Hebrew
N.T. *see* Pauline epistles
Hebrides *area* –411 7
Heckelphones *see* Double-reed instruments
Hedge
laurels *see* Pittosporales
Hedges *see* Shrubs
Hedmark Norway *area* –482
Hedonism
ethics 171.4
metaphysics 111.84
Heilungkiang China *area* –†518 4
Hejaz Saudi Arabia *area* –†538
Helianthus
tuberosis *see* Jerusalem artichokes
Helicons *see* Horns (musical instruments)
Helicopters *see* Heavier-than-air aircraft
Heliocentric
theory *see* Celestial dynamics
Heliograph
signals *see* Communication systems
Heliometers *see* Extrameridional instruments
Heliornithes *see* Gruiformes
Helioscopes *see* Heliostats
Heliostats
astronomy 522.58
manufacture
economics 338.47+
technology 681.2
see also spec. applications
Heliotherapy *see* Phototherapies
Heliotropes *see* Boraginales
Heliotropism *see* Reflex actions
Heliozoa *see* Actinopoda
Heliports *see* Airports
Helium
chemistry *see* Rare gases
production *see* Natural gas

Hell
folklore
hist. & criticism 398.4
legends 398.2
religion
Christian †236.25
gen. wks. 291.23
see also other spec. rel.
Hellenic *see* Greek
Hellenistic *see* Greek
Helmets
gen. wks. *see* Garments
military *see* Armor
Helminthology
gen. *see* Worms
medical *see* Worm infestations
Helsinki Finland *area* –471 1
Hematheia Greece *area* –495 6
Hematite
mineralogy 549.523
see also Iron geology
Hematology
anatomy
animals
vet. sci. **636.089+**
zoology 591.41
see also spec. animals
man 611.018 5
diseases *see* Blood diseases
physiology
animals
vet. sci. **636.089+**
zoology 591.11
see also spec. animals
man **612.11**
Hemerocallis *see* Liliales
Hemic
disorders *see* Blood diseases
system *see* Circulation
Hemimorphite
mineralogy 549.63
see also Zinc geology
Hemiptera
paleozoology 565.75
zoology **595.75**
Hemlock
trees
culture 635.977+
forestry 634.975 3
see also Coniferales
Hemoglobins *see* Proteins
Hemophilia *see* Blood diseases
Hemorrhages *see* Blood diseases
Hemorrhoids *see* Proctology
Hemostatic
drugs *see* Cardiovascular drugs
Hemp
drugs
marketing 658.809+
pharmacology
animals
gen. wks. 636.089+
see also spec. animals
man 615.323+
plants
agriculture
economics 338.17+
technology **633.53**
processing *see spec. products*
textiles
manufacture
economics 338.47+
technology
cloth 677.12
cordage 677.71
see also spec. applications
see also Urticales
Hemphill Co. Tex. *area* –764 817
Hempstead Co. Ark. *area* –767 54
Henderson
Co.
Ill. *area* –773 41
Ky. *area* –769 87
N.C. *area* –756 92
Tenn. *area* –768 26
Tex. *area* –764 227
Isl. *area* –961 8
Hendricks Co. Ind. *area* –772 53
Hendry Co. Fla. *area* –759 46
Hennepin Co. Minn. *area* –776 57
Henrico Co. Va. *area* –755 45
Henry Co.
Ala. *area* –761 31
Ga. *area* –758 435
Ill. *area* –773 38
Ind. *area* –772 64
Ia. *area* –777 95
Ky. *area* –769 385
Mo. *area* –778 46

Henry Co. (continued)
O. *area* –771 15
Tenn. *area* –768 34
Va. *area* –755 69
Hens *see* Poultry
Hepaticae
botany 588.3
floriculture 635.938+
paleobotany 561.8
Hepaticas *see* Ranales
Hepatitis *see* Biliary disorders
Heraldic
design
arts 745.66
insignias 929.8
Heraldry
customs 390.22–.23
gen. wks. 929.6
Hérault France *area* –448 4
Herb
teas
agriculture *see* Herbs
food
beverages 641.877
cookery 641.6+
gen. wks. 641.35+
processing
economics 338.47+
technology 663.96
Herbaceous
plants
floriculture **635.93**
landscaping 716
see also Spermatophyta
Herbals *see* Botanical drugs
Herbicides *see* Pesticides
Herbs
agriculture
economics 338.17+
technology
field crops 633.82–.84
garden crops 635.7
food
cookery 641.6
gen. wks. 641.3
processing
economics 338.47+
technology 664.52–.54
see also spec. applications
Herd
animals *see* Working animals
Herdbooks *see* Pedigrees
Hereditaments
law *see* Succession law
property *see* Real-estate
Hereditary
societies
gen. wks. **369.1–.2**
see also spec. activities
Heredity *see* Genetics
Hereford Eng. *area* –424 4
Heresies
church history 273
gen. wks. 291
see also other spec. rel.
Herkimer Co. N.Y. *area* –747 61
Herkleion Greece *area* –499 8
Hermaphroditic
reproduction *see* Reproduction
Hermeneutics
Bible
gen. wks. 220.63
see also spec. parts
see also other sacred books
Hermit
crabs *see* Anomura
Hermitian
matrices *see* Matrices
Hermits
of Saint Augustine *see* Augustinians
Hernandiaceae *see* Laurales
Hernando Co. Fla. *area* –759 71
Heroes
biographies *see* Biographies
history *see history of spec. areas*
legends *see* Mythology
Heroism *see* Courage
Herons
conservation 639.97+
culture 636.6
hunting
industries 639.12+
sports 799.248+
see also Ciconiiformes
Herpes *see* Vesicular eruptions
Herpetology *see* Reptilia
Herrings
culture 639.375+

Herrings (continued)
fishing
industries
economics 338.372+
technology 639.27+
sports 799.17+
food
cookery 641.69+
gen. wks. 641.39+
see also Isospondyli
Hertford Co.
Eng. *area* –425 8
N.C. *area* –756 155
Hertzian
waves
biophysics
gen. wks. 574.191 51
see also spec. organisms
engineering *see* Radio engineering
physics **537.534**
see also spec. applications
Herzegovina Yugoslavia *area* –†497 42
Hesped *see* Funeral rites
Hesperornithiformes *see* Neornithes
Hesse Germany
gen. wks. *area* –†434 1
see also Rhenish Hesse
Hessian
forms *see* Invariants
Heterocyclic
compounds
chemistry **547.59**
manufacture
economics 338.47+
technology 661.815
pharmacology
gen. wks. **615.3+**
veterinary **636.089+**
see also spec. products
Heterodontoidea *see* Selachii
Heteromi
paleozoology 567.5
zoology 597.5
Heteroptera
paleozoology 565.75
zoology 595.754
Heteropyxidaceae *see* Rhamnales
Hettinger Co. N.D. *area* –784 86
Hevea
brasiliensis
latex *see* Elastomers
trees *see* Rubber trees
Hevros Greece *area* –495 7
Hexakinases *see* Enzymes
Hexasterophora *see* Porifera
Hexoses *see* Sugars
Hibernia (ancient region) *area* –36
Hibiscus *see* Malvales
Hickman Co.
Ky. *area* –769 98
Tenn. *area* –768 434
Hickory Co. Mo. *area* –778 496
Hickory
nuts
agriculture
economics 338.17+
technology 634.52
food 641.34+
processing *see spec. products*
trees
culture 635.977+
forestry 634.973+
see also Juglandales
Hicoria *see* Hickory nuts
Hidalgo (state) Mexico *area* –724
Hidalgo Co.
N.M. *area* –789 693
Tex. *area* –764 49
Hidalgo (planet) *see* Minor planets
Hides
marketing 658.809+
processing
fur *see* Fur industries
leather *see* Leather production
Hiding
games *see* Child play
Hierarchy
management †658.402
mil. sci.
gen. wks. 355.33
see also spec. branches
Hieroglyphics
gen. wks. †411
see also spec. languages
Hierotherapy *see* Faith healing

Hi-fi
systems *see* Electroacoustical devices
High
blood pressure *see* Vascular disorders
explosives *see* Explosives
schools *see* Secondary schools
seas
laws *see* Commercial law
occanography *see* Marine waters
temperatures
chem. tech. 660.29+
chemistry
gen. wks. 541.368 7
organic 547.1+
effects *see* Temperature effects
physics 536.57
vacuum *see* Vacuum
Highballs *see* Spirits (alcoholic)
Highboys *see* Furniture
High-compression-ignition
engines *see* Diesel engines
High-density
wood *see* Composite woods
High-energy
boron *see* Boron fuel
Higher
education
gen. wks. 378
govt. control
gen. wks. †350.85
see also spec. levels of govt.
see also ***s.s.–071 1***
Highest
common
divisor *see* Factoring
High-explosive
projectiles *see* Special-purpose projectiles
High-explosive-antitank
projectiles *see* Special-purpose projectiles
High-fidelity
sound *see* Electroacoustical devices
High-frequency
titration *see* Electroanalysis
Highland Co.
O. *area* –771 84
Va. *area* –755 89
Highlands Co. Fla. *area* –759 55
High-octane-rating
gasolines *see* Petroleum products
High-pressure
oxygen therapy *see* Aerotherapeutics
High-protein
foods *see* Special-purpose cookery
High-school
libraries *see* School libraries
songs *see* Student songs
High-speed
photography
gen. wks. 778.37
see also spec. applications
High-styrene
resins *see* Elastoplastics
High-temperature
effects *see* Temperature effects
High-vacuum
pumps *see* Pumps
tubes *see* Electronic tubes
High-velocity
armor-piercing projectiles *see* Special-purpose projectiles
projectiles
manufacture
economics 338.47+
technology 623.451 3
mil. sci.
gen. wks. 355.82
see also spec. mil. forces
Highway
bridges *see* Bridges
maintenance
operations 625.76
see also Trafficways
patrols *see* Police
safety *see* Safety measures
traffic control *see* Traffic management
Highways *see* Trafficways

Hiking *see* Outdoor life
Hilbert
space *see* Absolute geometries
Hill Co.
Mont. *area* –786 14
Tex. *area* –764 283
Hillsboro Co. N.H. *area* –742 8
Hillsborough Co. Fla. *area* –759 65
Hillsdale Co. Mich. *area* –774 29
Himachal Pradesh
India *area* –†545 2
Himalayan *see* Tibeto-Burman
Himalayas
gen. wks. ***area –54***
see also other areas
Himantandraceae *see* Magnoliales
Himyaritic *see* South Arabic
Hinayana *see* Buddhism
Hindbrain *see* Brain
Hindi *see* Prakrits
Hinds Co. Miss. *area* –762 51
Hindu Kush *area* –†581
Hinduism
culture groups
geography 910.091+
history 909.09+
subject treatment *area* –176+
philosophy **181.4**
religion 294.5
Hindustani *see* Prakrits
Hinges *see* Locksmithing
Hinsdale Co. Colo. *area* –788 39
Hipbone *see* Bones
Hippocrateaceae *see* Celastrales
Hippomorpha *see* Equidae
Hippopotamuses
conservation 639.97+
culture 636.97+
hunting
industries 639.11+
sports 799.277+
see also Suiformes
Hiroshima Japan *area* –521 9
Hirudinea
culture †639.75+
paleozoology 565.1
zoology 595.15
Hirundinidae
paleozoology 568.8
zoology 598.813
Hispania *area* –36
Hispaniola *area* –729 3
Histeroidea *see* Polyphaga
Histochemistry *see* Biochemistry
Histogenesis *see* Germ cells
Histology
biology
animals 591.8
gen. wks. 574.82
plants 581.8+
see also spec. organisms
med. sci.
animals
gen. wks. 636.089+
see also spec. animals
man 611.018
Histones *see* Proteins
Histoplasmosis *see* Fungus diseases
Historic
remedies
law 340.3
medicine
animals
gen. wks. 636.089+
see also spec. animals
man 615.89
see also spec. diseases
ships
engineering 623.821
voyages *see* Travels
Historical
books (O.T.)
gen. wks. 222
pseudepigrapha 229.911
geography
gen. wks. 911
see also ***s.s.–09***
geology *see* Stratigraphy
linguistics *see* Paleography
materialism *see* Materialism
plays *see* Drama
History
gen. wks. 900
study & teaching
elementary ed. 372.89
see also ***s.s.–07***
Hitchcock Co. Neb. *area* –782 845

Hives (medicine) *see* Allergies
Hjorring Denmark *area* –489 5
Hoarding *see* Underconsumption
Hoarfrost
ice *see* Ice forms
transformation *see* Physical transformations
Hoatzins
culture 636.5
hunting
industries 639.12+
sports 799.248+
see also Opisthocomo
Hobbies *see* Recreational activities
Hobgoblins *see* Ghosts
Hochelaga Co. Que. *area* –714 28
Hockey
field
activity *see* Mallet games
equipment *see* Recreational equipment
ice *see* Ice sports
Hocking
Co. O. *area* –771 83
River O. *area* –771 97
Hockley Co. Tex. *area* –764 846
Hodgeman Co. Kan. *area* –781 47
Hodgkin's
disease *see* Lymphatic disorders
Hoes
agriculture
gen. wks. 631.315
see also Tillage
manufacture
economics 338.47+
technology 681.7
Hogs *see* Swine
Hohenzollern Germany *area* –434 9
Hoisting
systems *see* Materials-handling equipment
Hokan-Siouan
ethnic groups *area* –174+
languages 497.5
lingual groups *area* –175+
see also other spec. subj.
Hoke Co. N.C. *area* –756 365
Hokkaido Japan *area* –524
Holbaek Denmark *area* –489 1
Holborn London *area* –421 2
Holding
companies *see* Combinations
Holiday
cookery *see* Special-purpose cookery
parties *see* Entertainments
Holidays
religious *see* Holy days
secular
customs **394.26**
folklore
hist. & criticism 398.33
legends 398.2
see also Pageants
Holiness *see* Sanctification
Holistic
psychology *see* Functionalism
Holland *see* Netherlands
Hollow
block masonry *see* Masonry (construction)
ware *see* Tableware
Holly
trees
culture 635.977+
forestry 634.973+
see also Celastrales
Hollyhocks *see* Malvales
Holmes Co.
Fla. *area* –759 965
Miss. *area* –762 625
O. *area* –771 64
Holmium *see* Rare-earths
Holostei
paleozoology 567.4
zoology 597.41
Holothurioidea
culture †639.73+
paleozoology 563.96
zoology 593.96
Holothyroidea *see* Acari
Holotricha *see* Ciliophora
Holston River
gen. wks. *area* –768 9
see also other areas
Holt Co.
Mo. *area* –778 115
Neb. *area* –782 745

Holy
buildings *see* Sacred places
Communion
music *see* Mass (religion)
religion *see* Sacraments
days
customs **394.26**
folklore 398.355
religion
Christian **263**
gen. wks. 291.38
Judaism **296.43**
see also other spec. rel.
see also Liturgical year
Family
gen. wks. †232.92
see also spec. aspects
Grail
legends *see* Mythology
Orders *see* Sacraments
Orthodox Church *see* Eastern Orthodox churches
Roman Empire
church history **270.3**
gen. history **943.02**
Saturday *see* Holy days
Scripture *see* Bible
See *see* Papacy
Thursday *see* Holy days
wars *see* Religious wars
Week
customs **394.2**
folklore 398.33
religion *see* Liturgical year
Home
affairs
departments *see* Executive departments
defense
mil. sci.
gen. wks. 355.45
see also spec. mil. branches
see also hist. of spec. wars
economics *see* Domestic arts
equipment *see* Household equipment
gardening *see* Garden crops
Home (continued)
guards *see* Combat units
health care
management 658.91+
services 362.14
improvement *see* Household repairs
life *see* Family (institution)
meals *see* Meals
medicine *see* Domestic medicine
nursing *see* Nursing
remedies
medicine
animals
gen. wks. **636.089+**
see also spec. animals
man **615.88**
see also spec. diseases
see also other spec. aspects
songs *see* Community songs
workshops
gen. wks. **†684.08–.09**
see also spec. products
Homemaking *see* Domestic arts
Homeopathy
gen. wks. 615.532
see also spec. diseases
Homes (structure) *see* Residential buildings
Homesteading
grants *see* Denationalization
Home-study
courses *see* Extension
Homicidal
compulsions *see* Personality disorders
Homicide
ethics 179.7
see also Offenses
Homiletics
Christian religion **251**
gen. wks. 291.61
see also other spec. rel.
Homilies *see* Sermons
Homing
systems *see* Command systems
Hominidae
paleozoology 569.9

Hominidae (continued)
zoology 599.9
see also Ethnology
Homocyclic
compounds *see* Cyclic compounds
Homonyms
English language
lexicology **422–423**
usage **†428**
see also other spec. languages
Homoptera
paleozoology 565.75
zoology 595.752
Homosexuality
crime *see* Offences
sex *see* Sexual disorders
Honan China *area* –511 8
Honduras *area* –728 3
Honesty *see* Virtues
Honey
guides *see* Piciformes
locust trees *see* Locust trees
Honeybees
culture **638.1**
see also Apidae
Honeydew melons *see* Muskmelons
Honeyflowers *see* Proteales
Honeymoon
customs *see* Marriage rites
Honeys
food
cookery 641.68
gen. wks. 641.38
production
economics 338.17+
technology 638.16
Honeysuckle *see* Rubiales
Hong Kong *area* –512 5
Honolulu Co. Hawaii *see* Oahu
Honorary
degrees *see* Academic degrees
societies *see* Organizations
Honshu Japan ***area* –521**
Hood (mount) Ore.
gen. wks. *area* –795 61
see also other areas
Hood
Canal Wash.
gen. wks. *area* –797 76
see also other areas
Co. Tex. *area* –764 522
River Co. Ore. *area* –795 61
Hoofed
mammals
paleozoology **569.7**
zoology **599.7**
Hookahs *see* Smokers' supplies
Hooker Co. Neb. *area* –782 777
Hooke's law *see* Elasticity
Hooks
notions *see* Notions
structural form *see* Structural forms
Hookups *see* Circuitry
Hookworm
infestations *see* Nematoda infestations
Hookworms *see* Nematoidea
Hoopoes *see* Coraciiformes
Hoops *see* Structural forms
Hoosic River
gen. wks. *area* –744 1
see also other areas
Hopatcong Lake N.J.
gen. wks. *area* –749 74
see also other areas
Hopeh China *area* –511 5
Hopewell Va. *area* –755 58
Hopi *see* Macro-Penutian
Hopkins Co.
Ky. *area* –769 82
Tex. *area* –764 274
Hoppers
containers *see* Containers
railroads *see* Trains
Hops
agriculture
economics 338.17+
technology 633.82
processing *see spec. products*
see also Urticales
Hordaland Norway *area* –483
Hordeeae *see* Pooideae
Hordeum *see* Barley
Horehound
agriculture
economics 338.17+

Horehound
agriculture (continued)
technology
field crops 633.82
garden crops 635.7
food 641.35+
marketing 658.809+
processing *see spec. products*
see also Labiatae
Horizontal
bars *see* Recreational equipment
Horizontal-bar
exercises *see* Gymnastics
Hormic
psychology *see* Functionalism
Hormonal
drugs *see* Endocrine drugs
Hormones
biochemistry *see* Biochemistry
drugs *see* Endocrine drugs
Horn
carvings **736.6**
Hornbills *see* Coraciiformes
Hornets *see* Wasps
Hornfelses *see* Metamorphic rocks
Horns (musical instruments)
manufacture
economics **338.47+**
technology **681.81+**
music **788.4**
Hornworts
Angiospermae *see* Ranales
Bryophyta *see* Anthocerotales
Horology
chronology **529.7**
manufactures *see* Timepieces
see also spec. applications
Horoscopes
folklore 398.362
occultism **133.54**
Horry Co. S.C. *area* –757 87
Hors d'oeuvres *see* Auxiliary foods
Horse
acts *see* Animal performances
cavalry
gen. wks. **357.1–.2**
see also spec. kinds of warfare
racing *see* Equestrian sports
Horseback
riding *see* Equestrian sports
Horseblankets *see* Blankets
Horseflies
agricultural pests 632.7+
culture 638.57+
see also Orthorrhapha
Horsehair
worms *see* Nematomorpha
Horsemanship
military *see* Horse cavalry
sport *see* Equestrian sports
Horseradish
agriculture
economics 338.17+
technology 633.84
food 641.338+
processing *see spec. products*
see also Cruciales
Horses
husbandry **636.1**
mil. sci. *see* Horse cavalry
see also Equidae
Horseshoe
crabs *see* Xiphosura
pitching *see* Pitching games
Horseshoeing *see* Small forge work
Horsetails (plants) *see* Sphenopsida
Horta Azores *area* –469 9
Horticulture *see* Garden crops
Hosea (O.T.) *see* Minor prophets
Hosiery *see* Garments
Hospital
buildings *see* Health buildings
cookery *see* Institutional cookery
insurance *see* Health insurance

Hospital (continued)
libraries
gen. wks. 027.662
see also spec. functions
ships *see* Government vessels
zones *see* Medical centers
Hospitality
entertainment
customs 394.1
techniques 642.4
ethics 177.1
etiquette 395.3
Hospitals
management 658.91+
mil. sci. *see* Special services
services 362.11
see also Medical centers
Hostel
areas *see* Hotel areas
Hostels *see* Public accommodations
Hostess
services
gen. wks. *see* Domestic employees
transportation *see* Transportation services
Hostesses
gen. wks. *see* Domestic employees
transportation ind. *see* Transportation services
Hot
Spring Co. Ark. *area* –767 42
Springs Co. Wyo. *area* –787 43
Hot
baths
therapy *see* Hydrotherapy
beds *see* Forcing equipment
rods *see* Motor vehicles
spices *see* Condiments
springs
geography
gen. wks. 910.02+
see also spec. places
geology 551.23
Hot-air
engines *see* External-combustion engines
heating *see* Warm-air heating
Hotel
areas
planning
civic art 711.557
sociology 301.34
see also spec. areas
cookery *see* Quantity cookery
Hotels *see* Public accommodations
Hothouses *see* Greenhouses
Hot-metal
dipping *see* Surface finishing
Hottentot *see* Macro-Khoisan
Hot-water
heating
gen. wks. 697.4
see also spec. applications
pipes
gen. wks. *see* Pipes (conveyances)
plumbing *see* Pipe fitting
supply *see* Plumbing
Hot-weather
photography
gen. wks. 778.75
see also spec. applications
Hot-working
operations
metals *see* Foundry practice
Houghton Co. Mich. *area* –774 99
Hounds
culture 636.753
use
hunting †799.234
see also other spec. purposes
see also Canidae
Hourglasses *see* Timepieces
House
decoration *see* Interior decoration
drainage *see* Plumbing
games *see* Counter games
painting *see* Painting trades

House (continued)
plants
culture
gen. wks. †635.965
see also spec. plants
salesmanship *see* Salesmanship
wiring *see* Interior wiring
Houseboats *see* Residential buildings
Housecleaning
economics 338.47+
technology 648.5
Houseflies
agricultural pests 632.7+
culture 638.57+
see also Cyclorrhapha
Household
appliances
manufacture
economics 338.47+
technology 683.8
marketing 658.809+
see also spec. applications
electrification
engineering
economics 338.47+
technology 621.394
home economics 644
equipment
gen. wks. 643–645
see also Household appliances
furnishings
art 747
gen. wks. 645
manufacture
economics 338.47+
technology 684
garbage *see* Garbage
repairs
home econ. 643.7
technology *see spec. operations*
sanitation *see* Sanitation
Households
home economics 647
management
economics 338.47+
technology 658.91+
Housekeepers *see* Domestic employees
Housekeeping *see* Households
Houses (buildings) *see* Residential buildings
Houses (legislative) *see* Legislative bodies
Houses of correction *see* Reformatories
House-to-house
fighting *see* Battle tactics
selling *see* Salesmanship
Housing (dwellings)
buildings *see* Residential buildings
govt. control
gen. wks. 350.865
see also spec. levels of govt.
military *see* Quarters
psychology †155.945
sociology †301.54
see also Shelters
Housing
students
gen. wks. 371.871
see also spec. levels of ed.
see also Welfare
Housing-cooperatives *see* Cooperatives
Housing-renewal *see* Slums redevelopment
Houston Co.
Ala. *area* –761 295
Ga. *area* –758 515
Minn. *area* –776 11
Tenn. *area* –768 36
Tex. *area* –764 235
Howard Co.
Ark. *area* –767 48
Ind. *area* –772 85
Ia. *area* –777 31
Md. *area* –752 81
Mo. *area* –778 285
Neb. *area* –782 43
Tex. *area* –764 858
Howell Co. Mo. *area* –778 85
Howitzers *see* Artillery (pieces)
Howland Isl. *area* –969 9
Huancavelica Peru *area* –852
Huánuco Peru *area* –852
Hubbard Co. Minn. *area* –776 85

Huckabacks *see* Fancy-weave fabrics
Huckleberries
agriculture
economics **338.17+**
technology **634.732**
food 641.34+
marketing 658.809+
processing *see spec. products*
see also Ericales
Hudson
Bay *see* Arctic Ocean
Co. N.J. *area* –749 26
River N.Y.
gen. wks. ***area* –747 3**
see also other areas
Strait *see* Arctic Ocean
Hudspeth Co. Tex. *area* –764 95
Huelva Spain *area* –468 7
Huerfano Co. Colo. *area* –788 51
Huesca Spain *area* –465 55
Hughes Co.
Okla. *area* –766 72
S.D. *area* –783 29
Huguenots *see* Reformed churches
Huila Colombia *area* –861 5
Hull Co. Que. *area* –714 22
Hull
construction
ships
economics **338.47+**
technology **623.84**
see also Airframes
Human
anatomy *see* Anatomy
ecology *see* Adaptability
embryology *see* Embryology
figure
arts
gen. wks. **704.942**
see also spec. art forms
see also Anatomy
helminthology *see* Worm infestations
physiology *see* Physiology
races *see* Ethnology
relations
psychology **†158.2**
sociology **301.1**
Human (continued)
sacrifice *see* Sacrificial offerings
teratology *see* Teratology
Humanism
philosophy 144
religion
gen. wks. 211.6
see also spec. rel.
Humanitarian
philosophy *see* Humanism
socialism *see* Ideal states
Humanities
gen. wks. 001.3
see also spec. branches
Humboldt
Co.
Calif. *area* –794 12
Ia. *area* –777 27
Nev. *area* –793 54
River Nev.
gen. wks. *area* –793 16
see also other areas
Humerus *see* Bones
Humidification
air conditioning *see* Air conditioning
chem. tech. *see* unit operations
Humidity
climatology †551.64+
meteorology **551.571**
Humility *see* Virtues
Humiriaceae *see* Malpighiales
Hummingbirds *see* Apodiformes
Humor
literature
collections **808.87**
criticism **809.7**
rhetoric **808.7**
see also spec. lit.
see also Collected writings
Humpback
whales *see* Mysticetes
Humphreys Co.
Miss. *area* –762 48
Tenn. *area* –768 37
Hunan China *area* –512 15
Hunedoara Romania *area* –†498 4
Hungarian *see* Finno-Ugric
Hungary *area* –439 1

Hunger
perception *see* Proprioceptive perceptions
Hunt Co. Tex. *area* –764 272
Hunterdon Co. N.J. *area* –749 71
Hunting (activity)
industries
technology **639.1**
see also Primary industries
sports **799.2**
Hunting-animals *see* Working animals
Hunting-clothes *see* Garments
Hunting-dogs *see* Sporting dogs
Huntingdon Co.
Eng. *area* –425 6
Pa. *area* –748 73
Que. *area* –714 31
Hunting-guns *see* Small arms
Hunting-horses *see* Saddle horses
Hunting-lodges *see* Residential buildings
Hunting-scenes *see* Animal life
Hunting-songs *see* Folk songs
Huntington Co. Ind. *area* –772 71
Huon Isls. *see* New Caledonia
Hupeh China *area* –512 1
Hurdling
horses *see* Equestrian sports
people *see* Track athletics
Hurdy-gurdies
manufacture
economics 338.47+
technology 681.81+
music 787.9
Huron (lake)
gen. wks. ***area* –774**
Ont. ***area* –713 2**
Huron Co.
Mich. *area* –774 44
O. *area* –771 25
Ont. *area* –713 22
Huron (subject) *see* Hokan-Siouan
Huronian
period *see* Pre-Cambrian eras
Hurricanes
disasters *see* Disasters
meteorology *see* Storms
Hurricane-warning
systems *see* Alarm systems
Huskers
agriculture
gen. wks. 631.36
see also Terminal operations
manufacture *see* Special-purpose machinery
Husking *see* Terminal operations
Hussites
religion 284.3
see also Church buildings
Hutches *see* Shelters
Hutchinson Co.
S.D. *area* –783 384
Tex. *area* –764 82
Hutterian
Brethren *see* Mennonites
Hwang Ho *see* Yellow River
Hwapei China ***area* –511**
Hwatung China ***area* –511**
Hyacinths *see* Liliales
Hyades *see* Stars (astronomy)
Hyaenidae
paleozoology 569.74
zoology 599.744 27
Hyaline
cartilage *see* Histology
Hyalospongiae *see* Porifera
Hyatid
diseases *see* Cestoda infestations
Hybridization
animals *see* Breeding methods
plants *see* Crop production
Hybrids
crops *see* Propagational crops
genetics
gen. wks. 575.28
see also spec. organisms

Hybrids (continued)
husbandry *see* Stockbreeding
Hyde Co.
N.C. *area* –756 18
S.D. *area* –783 283
Hyderabad India *area* –†548 4
Hydnoraceae *see* Aristolochiales
Hydrangeaceae *see* Cunoniales
Hydrangeas *see* Cunoniales
Hydrargyrum *see* Mercury (metal)
Hydras *see* Hydrozoa
Hydration
movements *see* Motor functions
Hydraulic
accumulators *see* Accumulators
engineering
economics 338.47+
technology 627
see also Fluids
engines *see* Engines
mining *see* Alluvial mining
pumps *see* Pumps
rams *see* Rams (hydraulics)
turbines *see* Turbines
Hydraulic-power
engineering
gen. wks. 621.21–.27
see also spec. operations
Hydraulics *see* Fluids
Hydrazines *see* Nitrogen compounds
Hydric
adaptations *see* Ecology
Hydrocarbon
derivatives
chemistry 547.02–.04
manufacture
economics 338.47+
technology 661.82–.86
pharmacology
gen. wks. 615.3
veterinary 636.089+
see also spec. products
Hydrocarbons
chemistry 547.01
Hydrocarbons (continued)
manufacture
economics 338.47+
technology
gen. wks. 661.81
see also Industrial gases
pharmacology
gen. wks. 615.3
veterinary 636.089+
see also spec. products
Hydrocaryaceae *see* Lythrales
Hydrocephalism *see* Mental deficiency
Hydrocharitaceae *see* Butomales
Hydrodynamics
engineering
gen. wks. 627.125
see also spec. branches
mechanics 532.5
see also spec. applications
Hydrogen
chem. tech. 665.81
chemistry 546.21
Hydrogenated
oils *see* Fats
Hydrogenation *see* Reduction (process)
Hydrogen-bombs *see* Low-velocity projectiles
Hydrographic
biology
animals 591.9+
gen. wks. 574.92
plants 581.9+
see also spec. organisms
surveying
gen. wks. 526.99
see also spec. applications
Hydrography *see* Water bodies
Hydroid
polyps *see* Hydrozoa
Hydroida *see* Hydrozoa
Hydrokinetics *see* Hydrodynamics
Hydrology *see* Ground waters
Hydrolysis
chem. tech.
gen. wks. 660.284 4+
see also spec. products

Hydrolysis (continued)
chemistry
inorganic 546.122
organic 547.225
Hydromechanics *see* Liquids
Hydrometallurgy *see* Metallurgy
Hydrometeorology
climatology †551.64+
meteorology 551.57
Hydrometers
manufacture
economics 338.47+
technology 681.2
physics 532.4
see also spec. applications
Hydrophiloidea *see* Polyphaga
Hydrophobia *see* Zoogenous diseases
Hydrophones
engineering
economics 338.47+
technology 621.389 52
see also spec. applications
Hydrophyllaceae *see* Polemoniales
Hydrophytes
biology
ecology 581.526 3
gen. wks. 581.9+
culture *see* Water gardens
see also spec. plants
Hydroplanes *see* Heavier-than-air aircraft
Hydroponics *see* Soilless culture
Hydroquinones *see* Aromatic compounds
Hydrosols
gen. wks. *see* Colloids
products *see spec. products*
Hydrosphere *see* Physical geology
Hydrostachyaceae *see* Podostemonales
Hydrostatics
engineering
naval 623.817+
see also other spec. branches
mechanics †532.2
Hydrotherapy
animals
gen. wks. 636.089+
see also spec. animals
man 615.853
see also spec. diseases
Hydrotimetry *see* Sanitary analysis
Hydrotropism *see* Reflex actions
Hydrous
sulfates
mineralogy 549.755
see also Sulfur geology
Hydroxides
mineralogy
gen. wks. 549.53
see also spec. minerals
see also Bases (proton acceptors)
Hydrozoa
culture †639.73+
paleozoology 563.7
zoology 593.7
Hyenas
culture 636.97+
see also Hyaenidae
Hyeniales *see* Sphenopsida
Hygiene
med. sci.
animals
gen. wks. 636.089+
see also spec. animals
man 613
public *see* Public health
school programs
gen. wks. 371.7
see also spec. levels of ed.
Hygrometers
manufacture
economics 338.47+
technology 681.2
meteorology 551.571
physics 536.4
Hygrometry *see* Humidity
Hylobatinae *see* Pongidae
Hymenocarina *see* Leptostraca
Hymenogastrales *see* Lycoperdales
Hymenophyllaceae *see* Filicales

Hymenoptera
  paleozoology 565.79
  zoology 595.79
Hymnals *see* Hymnology
Hymnody *see* Hymnology
Hymnology
  music 783.9
  religion
    Christian †245
    gen. wks. 291
    see also other spec. rel.
Hymns *see* Hymnology
Hyogo Japan *area* –521 9
Hyoid
  muscles *see* Muscles
Hyperadrenalism *see* Endocrine disorders
Hyperborean *see* Paleosiberian
Hyperdulia *see* Mariology
Hyperelliptic
  functions *see* Elliptic functions
Hypergeometric
  functions *see* Complex variables
Hypericaceae *see* Guttiferales
Hyperiidea *see* Amphipoda
Hypermastigina *see* Mastigophora
Hypermetropia *see* Defective vision
Hyperparathyroidism *see* Endocrine disorders
Hyperpinealism *see* Endocrine disorders
Hyperquaternions *see* Quaternions
Hypersonic
  velocity
    engineering
      aircraft 629.132 306+
      spacecraft 629.415
    physics
      air 533.62+
      gases 533.276
Hyperspace
  geometry *see* Absolute geometries
  metaphysics *see* Relativity
Hypertension *see* Vascular disorders
Hyperthyroidism *see* Endocrine disorders
Hypertrichosis *see* Scalp disorders
Hypertrophies
  gen. wks. *see* Teratology
  symptoms *see* Symptomatology
Hypertropic
  arthritis *see* Joints (anatomical)
Hypnotherapy *see* Mental therapies
Hypnotics *see* Neurotic drugs
Hypnotism
  entertainment 793.8
  psychology †154.7
  therapy *see* Mental therapies
Hypoadrenalism *see* Endocrine disorders
Hypochondriasis *see* Hysterias
Hypodermic
  medication *see* Parenteral medication
Hypoglycemia *see* Endocrine disorders
Hypomycetales *see* Deuteromycetes
Hyponastic
  movements *see* Motor functions
Hypoparathyroidism *see* Endocrine disorders
Hypophysis *see* Endocrine disorders
Hypothermia *see* Thermotherapies
Hypothesis *see* Reasoning
Hypothyroidism *see* Endocrine disorders
Hypoxidaceae *see* Haemodorales
Hyracoidea
  paleozoology 569.6
  zoology 599.62
Hyracoideans
  culture 636.96+
  hunting 639.11+
  see also Hyracoidea
Hyraxes *see* Hyracoideans
Hyrcania *area* –396

Hysterectomies *see* Gynecology
Hysterias
  med. sci.
    gen. wks. 616.852
    pediatrics 618.928+
  psychology
    gen. wks. †157.3
    pedology †155.45+
  see also Mental hygiene
Hystricomorpha
  paleozoology 569.32
  zoology 599.323 4
Hystricomorphs
  agricultural pests 632.6+
  culture 636.93+
  experimental med.
    animals 636.089+
    man 619.93
  hunting
    industries 639.11+
    sports 799.273+
  see also Hystricomorpha

I

ICBM *see* Guided missiles
IRBM *see* Guided missiles
Iasi Romania *area* –498 1
Ibaraki Japan *area* –521 3
Iberia (ancient country) *area* –395
Iberia Par. La. *area* –763 49
Iberian Peninsula *area* –46
Iberville
  Co. Que. *area* –714 61
  Par. La. *area* –763 44
Ibises
  conservation 639.97+
  culture 636.6
  hunting
    industries 639.12+
    sports 799.248+
  see also Ciconiiformes
Ica Peru *area* –852
Icacinaceae *see* Celastrales
Icarianism *see* Ideal states
Icarus (planet) *see* Minor planets
Ice
  age *see* Cenozoic era
  ballet *see* Ice sports
  bridges *see* Ice crossings
Ice (continued)
  buildings *see* Ice construction
  carnivals *see* Ice sports
  construction
    economics 338.47+
    technology 693.91
    see also Ice crossings
  control
    highways *see* Highway maintenance
    streets
      economics 338.47+
      technology 628.466
  cover *see* Ice forms
  cream *see* Frozen desserts
  crossings
    engineering
      economics †338.47+
      technology †625.792
    see also Trafficways
  fields *see* Glaciology
  fishing *see* Fishing
  forms
    geophysics 551.34
    meteorology †551.578 7
  games *see* Ice sports
  hockey *see* Ice sports
  loads *see* Loads
  manufacture
    economics 338.47+
    technology 621.58
  milk *see* Frozen desserts
  mineralogy 549.522
  roads *see* Ice crossings
  sculpture 736.94
  skates *see* Footwear
  skating *see* Ice sports
  sports
    customs 394.3
    gen. wks. 796.9
  streams *see* Glaciology
Icebergs *see* Ice forms
Iceboating *see* Ice sports
Iceboats *see* Sailing craft
Iceboxes *see* Refrigerators
Icebreakers *see* Special-purpose vessels
Ice-cream
  parlors *see* Public accommodations
Icel Turkey *area* –564

Iceland *area* –491 2
Icelandic *see* Germanic
Ices *see* Frozen desserts
Ichneumon
flies
agricultural pests 632.7+
culture 638.57+
see also Hymenoptera
Ichnology *see* Vertebrates
Ichthyology *see* Pisces
Ichthyopterygia
gen. wks. 568.15
see also *s.s.*–015+
Ichthyornithiformes *see* Neornithes
Icings *see* Candies
Iconography
arts
gen. wks. **709.94**
see also spec. art forms
religion
Christian **246–247**
gen. wks. 291.218
see also other spec. rel.
Iconoscopes *see* Television cameras
Icons *see* Iconography
Icteridae
paleozoology 568.8
zoology 598.88
Icterus *see* Biliary disorders
Ictidosauria *see* Synapsida
Id *see* Subconscious
Ida Co. Ia. *area* –777 42
Idaho (state) *area* **–796**
Idaho Co. Ida. *area* –796 82
Ideal
states
economics
anarchism 335.83
gen. wks. 335.02
pol sci. †321.07
see also spec. areas
Idealism
ethics
gen. wks. **171**
religion
gen. wks. 291.5
see also spec. rel.
philosophic system **141**
Ideas
philosophy *see* Sensationalism
psychology **153.2**
Ideation *see* Ideas
Ideographs
gen. wks. 411
see also spec. languages
Idiots *see* Mental deficiency
Idocrase
mineralogy 549.63
see also Semiprecious stones
Ifni *area* –648
Igloos *see* Snow construction
Igneous
rocks
gen. wks. 552.1
see also spec. aspects
Ignitrons *see* Electronic tubes
Iguanas *see* Lizards
Ikebana *see* Floral arts
Île-de-France
France *area* **–443 4**
Indian Ocean *see* Mauritius
Ileitis *see* Intestinal disorders
Ileum *see* Intestines
Ilex
paraguayensis *see* Maté
Ilexes *see* Celastrales
Illecebraceae *see* Polygonales
Ille-et-Vilaine France *area* –441 5
Illegal
voting *see* Electoral irregularities
Illegitimate
children *see* Children
Illinium *see* Rare-earths
Illinois *area* **–773**
Illiteracy *see* Public education
Illuminants
gaseous *see* Industrial gases
Illuminated
books
gen. wks. 096.1
library treatment 025.171
techniques 745.67
manuscripts *see* Illuminated books
Illumination
architecture 729.28
engineering
economics **338.47+**

Illumination
engineering (continued)
technology
gen. wks. **621.321–.322**
military 623.76
municipal 628.93–.95
see also other spec. applications
fixtures
engineering *see* Illumination engineering
furniture
art 749.63
home economics 644.3
interior decoration 747.92
specific structures
libraries 022.7
schools *see* School buildings
Illusions
gen. wks. 001.95–.96
psychology †153.74
see also Psychoneuroses
Illustration
art *see* Commercial art
Illustrations
art *see* Graphic arts
graphic *see* Graphic illustrations
Illyria *area* –398
Illyrian
ethnic groups *area* –174+
languages 491.99
lingual groups *area* –175+
see also other spec. subj.
Ilmenite
mineralogy 549.523
see also Titanium geology
Image
orthicon cameras *see* Television cameras
Imageless
thought *see* Thought processes
Imagery
psychology **†153.3**
rhetoric **808.001–.709**
Images *see* Iconography
Imaginary
animals
folklore
hist. & criticism 398.469
legends 398.24
see also Literature
minerals
folklore
hist. & criticism 398.465
legends 398.2
see also Alchemy
places
folklore
hist. & criticism 398.42
legends †398.23
see also Literature
plants
folklore
hist. & criticism 398.468
legends 398.24
see also Literature
quantities
algebra 512.24
see also *s.s.*–015+
Imagination
art 701.15
literature 801.92
psychology **†153.3**
Imams *see* Clergy
Imbabura Ecuador *area* –866 1
Imbeciles *see* Mental deficiency
Imbibition
process *see* Special-process photography
Imbros
ancient *area* –391 1
modern *area* –499
Imidazoles *see* Heterocyclic compounds
Immaculate
Conception *see* Mariology
Immature
personalities *see* Personality disorders
Immigrants
labor economics **331.62**
see also Population movement
Immigration *see* Population movement

Immortality
metaphysics 129.6
religion
Christian †236.22
comparative 291.23
gen. wks. 218
see also other spec. rel.
Immunity
medical *see* Immunization
political *see* Political immunity
Immunization
disease control
animals
gen. wks. 636.089+
see also spec. animals
man 614.47
see also spec. diseases
therapy *see* Serums
Immunotherapy *see* Serums
Impact
biophysics *see* Biophysics
gen. wks. *see* Rigidity tests
Impaired
hearing *see* Audiology
Impasto
painting *see* Painting arts
paintings *see* Paintings
Impatiens *see* Geraniales
Impeachment
executive branch
chief executive 350.003 6
gen. wks. 350.993
see also spec. levels of govt.
legislative
action 328.366
powers 328.34
Imperfect
fungi *see* Deuteromycetes
Imperia Italy *area* –451 87
Imperial Co. Calif. *area* –794 99
Imperial
sovereignty *see* Empires
system
weights & measures *see* Metrology
Impersonal
God *see* God
Impetigo *see* Pustular eruptions
Import
taxes *see* Customs (taxes)
Import (continued)
trade *see* Trade (activity)
Imposition
printing
economics 338.47+
technology 655.27
Impotence *see* Sexual disorders
Imprisonment
corrective *see* Reformatories
punitive *see* Prisons
Improvisation
music 781.65
theater 792.028
see also spec. mediums
Impulse
turbines *see* Turbines
Imroz Turkey *see* Imbros
Inactive
files *see* Archives (records)
Inadunata *see* Crinoidea
Inarticulata *see* Brachiopoda
Inaugurations *see* Official ceremonies
Inbreeding
heredity *see* Genetics
livestock
gen. wks. 636.082 41
see also spec. animals
Incandescence
engineering
lighting 621.32
see also other spec. branches
physics 536.45
Incandescent
lighting *see* Electric lighting
Incantations *see* Occultism
Incarnation
metaphysics 129.4
religion
Christian 232.1
gen. wks. 291.2
see also other spec. rel.
Incendiary
bombs *see* Special-purpose projectiles
Incense *see* Emblems
Incest
crime *see* Offenses
sex *see* Sex relations

Incidental
dramatic music
gen. wks. 782.83
see also spec. mediums
Inclined
planes *see* Simple machines
railways *see* Special-purpose railways
Inclines
mining *see* Shafts
Income (money)
economics
gen. wks. 339
see also spec. elements
see also spec. applications
Income
taxes *see* Taxation
Incompatibilities
logic *see* Reasoning
medicine *see* Posology
Incompressible
air flow *see* Air flow
Incunabula
gen. wks. 094
library treatment 025.171
Incus *see* Middle ear
Indebtedness
private *see* Credit
public *see* Public debts
Indecent
exposure
crime *see* Offenses
psychopathic *see* Sexual disorders
Indentured
labor *see* Contract systems
Independence Co. Ark. *area* –767 26
Independence
personal *see* Personality
political *see* National independence
Independent
retail stores *see* Retail marketing
Indeterminate
equations *see* Equations
Indeterminism
metaphysics 123
religion
Indeterminism (continued)
Christian 234.9
comparative 291.22
see also other spec. rel.
Indexing
library sci. 029.5
museum sci. 069.52
India
ancient *area* –34
modern *area* –54
India
rubber *see* Castilloa
Indian
Desert *see* Thar Desert
Ocean
geography
gen. wks. 910.091+
physical †910.02+
geology 551.467
isls.
south *area* –69
see also spec. isls.
regional history 909.09+
regional subj. treatment *area* –166 7
Ocean basin
geography 910.091+
history 909.09+
subject treatment *area* –182 4
see also spec. areas
River Co. Fla. *area* –759 28
Indian
cholera *see* Enteric diseases
clubs *see* Recreational equipment
corn *see* Corn
figs *see* Prickly pears
hemp
fibers *see* Soft fibers
plant *see* Apocynales
pipe
plants *see* Ericales
pitcher plants *see* Aristolochiales
Indiana (state) *area* –772
Indiana Co. Pa. *area* –748 89
Indian-club
exercises *see* Gymnastics
Indians
American *see* Amerindians

Indians (continued)
Asian *see* Indo-Aryan
Indic *see* Indo-Aryan
Indigestion *see* Digestive disorders
Indirect
lighting *see* Illumination
Indium
compounds
chemistry **546.677**
manufacture 661.06+
fabrication *see* Indium industries
geology
gen. wks. 553.499
mineralogy *see spec. minerals*
industries
extractive
metallurgy 669.79
mining 622.349+
manufacturing 673.79
metallography *see* Indium properties
mineralogy *see* Indium geology
mining *see* Indium industries
products *see spec. subj.*
properties
chemistry **546.677**
engineering 620.189 9
metallography 669.957+
see also Radiochemistry
Individual
proprietorships *see* Proprietorships
psychology *see* Personality
Individualism
economics *see* Economic systems
philosophy 141.4
see also Personality
Individuality *see* Personality
Individualized
instruction
gen. wks. **371.394**
see also spec. levels of ed.
Indo-Aryan
ethnic groups *area* **–174+**
languages **491.1–.4**
lingual groups *area* **–175+**
see also other spec. subj.
Indoctrination *see* Opinion formation
Indo-European
languages
gen. wks. **†411–418**
see also spec. languages
Indo-Hittite
ethnic groups *area* –174+
language 491.99
lingual groups *area* –175+
see also other spec. subj.
Indo-Iranian
ethnic groups *area* –174+
languages 491.1
lingual groups *area* –175+
see also other spec. subj.
Indonesia *area* **–91**
Indonesian *see* Austronesian
Indoor
ball games
customs 394.3
ethics 175.4
gen. wks. **794.7**
baseball *see* Bat games
games
customs 394.3
ethics 175.4
gen. wks. **793–794**
photography
gen. wks. 778.72
see also spec. applications
Indre France *area* –445 51
Indre-et-Loire France *area* –445 4
Inductance
measurements *see* Resistance measurements
standards *see* Measurements
Induction
accelerators *see* Particle acceleration
capacity *see* Circuitry
coils *see* Electrodynamics
heating *see* Electric furnaces
Inductive
physical exploration *see* Geophysical exploration
reasoning *see* Reasoning
Indulgences
Christian religion 265.66
see also other spec. rel.

Indus River
gen. wks. *area* **–54**
see also other areas
Industrial
accidents
catastrophic *see* Disasters
prevention *see* Safety measures
acids *see* Acids
alcohols *see* Alcohols
aldehydes *see* Aldehydes
arts
economics **338.47+**
technology **600**
buildings
architecture 725.4
construction
economics 338.47+
technology 690.5+
housekeeping 647.96+
interior decoration 747.8+
chemicals
manufacture
economics **338.47+**
technology **661**
see also spec. applications
chemistry *see* Chemical technology
combinations *see* Combinations
credit *see* Credit
democracy *see* Conciliation practices
diamonds *see* Abrasive materials
drawing *see* Technical drawing
economics *see* Production economics
education *see* Vocational education
electrochemistry *see* Electrochemistry
engineering *see* Production management
enterprises
economics **338**
management **658**
pol. status 322.3
see also *s.s.*–065
ethers *see* Ethers
Industrial (continued)
gases
chemistry *see spec. gases*
natural *see* Natural gas
manufacture
economics **338.47+**
technology **665.7–.8**
see also spec. applications
hygiene
gen. wks. †613.62
see also spec. aspects
insurance
casualty **368.7**
life **368.362**
see also Financial institutions
ketones *see* Ketones
libraries *see* Business libraries
microbiology
science 576.164
technology 660.6
see also *s.s.*–015+
nursing *see* Nursing
occupations
economics
labor **331.762–.769**
production **338.4**
technology *see spec. subj.*
oils *see* Fixed oils
pensions *see* Pension systems
plants (botanical)
agriculture
economics **338.17+**
technology **633.8**
botany
gen. wks. 581.64
see also spec. plants
pools *see* Combinations
psychology
gen. wks. †158.7
see also *s.s.*–019
rehabilitation *see* Educational programs
relations *see* Employer-employee relationships
sanitation
engineering
economics **338.47+**
technology **628.5**

Industrial (continued)
sociology
gen. wks. **301**
see also spec. applications
stoichiometry *see* Stoichiometry
wastes *see* Waste treatment
water *see* Water supply
welfare *see* Welfare services
Inert
gases *see* Rare gases
Inertia *see* Statics
Inertial
navigation *see* Navigation
Infallibility
Christian religion
church 262.72
papal 262.131
Infant
mortality
medicine *see* Pediatrics
statistics *see* Demography
Infanticide
ethics 179.7
see also Offenses
Infantry
gen. wks. **356.1**
see also spec. kinds of warfare
Infants (children) *see* Children
Infants'
clothing *see* Garments
Infections *see* Symptomatology
Infectious
diseases *see* Communicable diseases
Inferiority
complex *see* Subconscious
Infinite
metaphysics 125
religion
gen. wks. **210**
see also spec. rel.
Infinitesimal
geometry *see* Differential geometry
Infirm
people
med. treatment *see spec. diseases*
welfare institutions **362.61**
Infirmaries
gen. wks. *see* Hospitals
school equipment *see* School buildings
Infirmary
buildings *see* Health buildings
Inflammable
materials *see* Flammable materials
Influenzas *see* Respiratory diseases
Information
storage & retrieval *see* Documentation
theory
gen. wks. **†001.539**
mathematics
gen. wks. 519.7
see also *s.s.*–015+
see also spec. applications
Infrared
biophysics *see* Biophysics
chemistry
analysis *see* Spectroscopy
gen. wks. *see* Photochemistry
engineering
economics 338.47+
technology 621.362
see also spec. applications
photography
gen. wks. 778.34
see also spec. applications
physics
gen. wks. 535.012
spectrum *see* Spectroscopy
Infrared-ray
therapy *see* Thermotherapies
Infusions *see* Medicinal solutions
Infusoria *see* Ciliophora
Infusorial
earth *see* Diatomaceous earth
Ingham Co. Mich. *area* –774 26
Inglenooks *see* Heating-equipment
Ingolfiellidea *see* Amphipoda
Inhalation *see* Respiration

Inhalatory
medication
med. sci. 615.64
vet. sci.
gen. wks. 636.089+
see also spec. animals
see also spec. diseases
Inheritance
law *see* Succession law
taxes *see* Taxation
Inherited
sin *see* Sins
Iniomi *see* Mesichthyes
Initials *see* Lettering
Initiative
psychology †155.232
see also spec. applications
Injectors *see* Pumps
Injunctions
labor economics 331.893–.894
law *see* Judicial system
Injuries
animals
vet. sci. **636.089+**
zoology 591.2
gen. wks. 574.2
man
medicine
first-aid 614.88
gen. wks. **616**
surgery **617.1–.2**
psych. effects †155.916
plants
agriculture **632.1–.2**
botany **581.24**
Inks
manufacture
economics 338.47+
technology 667.4–.5
see also spec. applications
Inland
marine
insurance *see* Transportation insurance
seas *see* Marine waters
waters *see* Water bodies
waterways
engineering *see* Hydraulic engineering
transportation **386**
In-laws *see* Kinship
Inlays
decoration *see* Trims
dentistry *see* Dentistry
Inmates
prisons **365.6**
reformatories 364.76
Innate
reflexes *see* Reflex actions
virtues *see* Grace
Inner Mongolia *area* –†517 7
Innominate
bone *see* Bones
Inns *see* Public accommodations
Inoculation
protective *see* Immunization
therapeutic *see* Serums
Inorganic
chemicals *see* Inorganic chemistry
chemistry
applied **661.1–.6**
pure **546**
drugs *see* Mineral drugs
Inosilicates
mineralogy 549.66
see also spec. minerals
Inositol *see* Vitamins
Input-output
accounts *see* National accounting
Insanity *see* Psychoses
Insect
waxes *see* Waxes
Insecta
paleozoology **565.7**
zoology **595.7**
Insecticides *see* Pesticides
Insectivora
paleozoology 569.33
zoology 599.33
Insectivores
agricultural pests 632.6+
culture 636.9+
hunting 639.11+
see also Insectivora
Insectivorous
plants *see* Carnivorous plants
Insects
agricultural pests **632.7**
culture **638**

Insects (continued)
disease carriers *see* Disease carriers
see also Insecta
Insemination
artificial *see* Artificial insemination
biological *see* Reproduction
Insight *see* Perception
Insignias
religious
Christian 247.6
gen. wks. 291.37
see also other spec. rel.
secular
gen. wks. 929
military
gen. wks. 355.14
see also spec. branches
Insolation *see* Solar radiation
Insolvency *see* Bankruptcy
Insomnia
med. sci.
gen. wks. 616.8
pediatrics 618.928
see also Symptomatology
see also Sleep
Inspection
units *see* Organizational units
Inspiration
art 701.15
Bible 220.13
psychology †153.25
see also *s.s.*–019
Installment
plans *see* Credit
Instincts *see* Reflex actions
Institutes (education) *see* Extension
Institutional
cookery
economics 338.47+
technology 641.57
households *see* Public accommodations
nursing *see* Nursing
publishing *see* Publishing
Institutionalized children *see* Children
Institutiones *see* Roman law
Instrument
transformers *see* Transformers
Instrumental
analysis
general
gen. wks. 543.08
qualitative 544.08
quantitative 545.08
organic
gen. wks. 547.308
qualitative 547.34+
quantitative 547.35+
ensembles *see* Ensembles
music
gen. wks. †780.01–781.97
see also spec. mediums
reduction *see* Arrangement (music)
Instrumentalism
philosophy 144.5
see also *s.s.*–01
Instruments
manufacture
economics 338.47+
technology 681
see also spec. applications
Insular
biology
animals 591.9+
gen. wks. 574.91
plants 581.9+
see also spec. organisms
Insulated
construction *see* Resistant contruction
wires *see* Wires
Insulating
materials
construction 691.95
engineering
gen. wks. 620.195
see also spec. branches
see also spec. applications
Insulation
electric conductors 621.319 37
see also Thermology
Insulin
drugs *see* Endocrine drugs
secretion *see* Pancreas
Insurance
gen. wks. †368

Insurance (continued)
see also Financial institutions
Insured
mail *see* Postal communication
Intaglio
processes
arts 765–767
industry 655.318
see also Carving-techniques
Intaglios
gems *see* Carvings
prints *see* Prints
Integral
calculus
gen. wks. 517.3
see also *s.s.*–015+
equations
gen. wks. 517.37
see also *s.s.*–015+
Integration
mathematical *see* Integral calculus
racial *see* Racial integration
Integument *see* Skin
Intellectual
areas *see* Cultural areas
development *see* Intellectualism
guidance *see* Counseling
life *see* Intellectualism
occupations *see* Professional occupations
processes
animals †156.3
children †155.413
gen. wks. †153
see also Intellectualism
Intellectualism
gen. wks. 001.2
philosophy 149.7
religion
Christian †261.5
gen. wks. 291.17+
see also other spec. rel.
Intellectuals *see* Social classes
Intelligence (espionage) *see* Espionage
Intelligence (intellect)
psychology
animals †156.3
children †155.413
gen. wks. †153.9
Intelligence (intellect) (continued)
see also *s.s.*–019
Intemperance
ethics 178
religion
Christian 241.3
see also other spec. rel.
see also Addictions
Interbrain *see* Brain
Intercellular
respiration *see* Respiration
Interceptor
missiles *see* Guided missiles
Interchangeability *see* Standardization
Intercommunicating
systems *see* Public address systems
Intercontinental
ballistic missiles *see* Guided missiles
Intercorporate
relations
managerial control 658.16
price control 338.523
Intercultural
education
gen. wks. 370.196
see also spec. levels of ed.
Interest
calculations *see* Business arithmetic
lotteries
economics 332.68
govt. control
gen. wks. †350.825
see also spec. levels of govt.
management 658.91+
rates
economics 332.8
see also spec. applications
Interfacial
tensions *see* Surface phenomena
Interferometric
analysis *see* Optical analysis
Intergovernmental
administration
gen. wks. 350.09
see also spec. levels of govt.

Interindustry
accounts *see* National accounting
Interior
ballistics *see* Ballistics
decoration
arts **747**
home economics **645**
departments *see* Executive departments
lighting *see* Illumination
wiring
engineering
economics 338.47+
technology 621.328 2
see also spec. structures
Interlibrary
loans
rules & reg. 024.6
services 025.6
Interlingua *see* Artificial languages
Intermediate-range
ballistic missiles *see* Guided missiles
Interment
of dead *see* Funeral rites
places *see* Cemeteries
Intermittent-combustion
turbines *see* Gas-turbine engines
Internal
auditing *see* Administrative accounting
commerce *see* Trade (activity)
ear
anatomy
animals
vet. sci. 636.089+
zoology 591.48
see also spec. animals
man 611.85
diseases
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man **617.88**
Internal (continued)
physiology
animals
vet. sci. 636.089+
zoology 591.18
see also spec. animals
man 612.858
law
drafting *see* Bills (legislation)
gen. wks. **342–349**
see also spec. elements
medicine *see* Clinical medicine
organization *see* Hierarchy
revenue *see* Taxation
Internal-combustion
engines
engineering
economics **338.47+**
technology
automobiles **629.25+**
gen. wks. **621.43**
see also other spec. branches
see also spec. applications
International
arbitration *see* Conciliation practices
banks *see* Financial institutions
combinations *see* Combinations
commerce
gen. wks. **382**
management **658.91+**
cooperation *see* International relations
education *see* Intercultural education
fairs *see* Fairs
forces *see* Combat units
highways *see* Trafficways
law *see* International relations
migration *see* Population movement
monetary
standards *see* Monetary standards
systems *see* Foreign exchange

International (continued)
parks *see* Recreational land
planning *see* Planning
police *see* Compulsive measures
politics *see* International relations
relations
administration 350.892
ethics 172.4
law **341**
pol. sci. **327**
Internationalism *see* World order
Internment
camp
areas *see* Prison areas
buildings *see* Prison buildings
camps *see* Prisons
of belligerents *see* War prisoners
of warships *see* Sea warfare
Interoceanic
ship canals *see* Canals
Interpersonal
relations *see* Human relations
Interplanetary
flights *see* Space (extraterrestrial) flights
Interpolations *see* Finite differences
Interpretation (music) *see* Musical performance
Interpretative
accounting *see* Administrative accounting
dances *see* Dancing
Interscholastic
athletics *see* Sports (recreation)
Interstate
commerce *see* Trade (activity)
planning *see* Planning
Interstellar
material *see* Cosmology
Interstitial
nerve tissues *see* Histology
Interurban
railways *see* Electric railways
Intervention *see* Compulsive measures
Interviewing
personnel management
gen. wks. **658.3**
pub. admin.
gen. wks. **350.1**
see also spec. levels of govt.
psychology †158.3
Intestinal
disorders
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.34**
pediatrics **618.92+**
surgery **617.554**
Intestines
anatomy
animals
vet. sci. **636.089+**
zoology 591.43
see also spec. animals
man **611.34**
diseases *see* Intestinal disorders
physiology
animals
vet. sci. 636.089+
zoology 591.13
see also spec. animals
man 612.33–.36
Intonation *see* Phonology
Intra-arterial
injections *see* Parenteral medication
Intracoastal
waterways *see* Inland waterways
Intradermal
injections *see* Parenteral medication
Intraindustry
agreements *see* Intercorporate relations

Intramercurial planets
  astronomy
    descriptive 523.41
    theoretical 521.5
  see also *s.s.*–015+
Intramural
  athletics *see* Sports (recreation)
Intramuscular
  injections *see* Parenteral medication
Intra-uterine
  development *see* Embryology
Intravenous
  injections *see* Parenteral medication
Introit *see* Mass (religion)
Intuition *see* Intuitionism
Intuitionism
  philosophy
    ethics 171.2
    gen. wks. 143
  psychology †153.44
Inulin *see* Polysaccharides
Invariants
  mathematics
    algebra 512.88
    calculus 517.28
  see also *s.s.*–015+
Invasion
  warfare
    international law 341.31
    mil. sci. **355.42**
  see also history of spec. wars
Inventions
  sociological effects **301.24**
  technology
    gen. wks. **608.7**
    see also spec. inventions
Inventory
  control *see* Financial administration
  economics 338.47+
  management
    materials control 658.787
    production 658.503 3
Inverness Co.
  N.S. *area* –716 91
  Scotland *area* –412 1
Inversions
  geometry *see* Geometric transformations
  temperatures *see* Temperatures
Invertebrates
  culture **638–639**
  paleozoology 562
  zoology **592**
Investment
  banks
    economics 332.66
    govt. control
      gen. wks. †350.825
      see also spec. levels of govt.
    management 658.91+
  companies *see* Combinations
  institutions
    economics 332.61–.62
    govt. control
      gen. wks. †350.825
      see also spec. levels of govt.
    management 658.91+
Investments
  control *see* Financial administration
  economics **332.6**
  insurance **368.853**
Invisible
  inks *see* Inks
Involution
  mathematics
    algebra 512.7
    arithmetic 511.7
    see also *s.s.*–015+
  physiology *see* Climacteric
Involutional
  psychoses *see* Psychoses
Inyo Co. Calif. *area* –794 87
Ioannina Greece *area* –495 3
Iodates *see* Halogen compounds
Iodides *see* Halogen compounds
Iodine *see* Halogen
Iodites *see* Halogen compounds
Iodometry *see* Volumetric analysis

Ion
  identification *see* Systematic separations
  optics
    engineering 621.381 9
    physics 537.56
  rockets *see* Rocket engines
Ionia (ancient region) *area* –392 3
Ionia Co. Mich. *area* –774 54
Ionian Isls. Greece
  ancient
    Ithaca *area* –383
    northern *area* –382
    southern *area* –386
  modern *area* –495 5
Ionization
  electrolytic
    chemistry
      gen. wks. 541.372 2
      organic 547.1+
      technical 660.29+
    engineering **621.35**
  electronic
    engineering **621.38**
    physics 537.532
  nuclear
    engineering **621.48**
    physics **539.73–.77**
Ionization chambers *see* Particle detectors
Ionizing
  radiation
    biophysics
      gen. wks. **574.191 5**
      see also spec. organisms
    chemistry *see* Radiochemistry
    engineering *see* Nuclear engineering
    injuries *see* Injuries
    meteorology 551.527 6
    physics **539.722**
    therapy *see* Actinotherapy
    see also other spec. applications
Ionosphere
  magnetism **538.767**
  meteorology
    gen. wks. 551.514 5
    see also spec. phenomena
  regional subj. treatment *area* –161 4
Iosco Co. Mich. *area* –774 74
Iowa (state) *area* –777
Iowa
  Co.
    Ia. *area* –777 65
    Wis. *area* –775 78
  River Ia.
    gen. wks. *area* –777 6
    see also other areas
Ipomaea
  batatas *see* Sweet potatoes
Iran
  ancient *area* –35
  modern *area* –55
Iranian
  ethnic groups *area* –174+
  languages **491.5**
  lingual groups *area* –175+
  see also other spec. subj.
Iraq *area* –567
Irasers
  engineering
    economics 338.47+
    technology 621.362
  physics 535.8
  see also spec. applications
Iredell Co. N.C. *area* –756 79
Ireland *area* –415
Iridaceae *see* Iridales
Iridales
  botany 584.24
  floriculture 635.934+
Iridectomies *see* Uveal disorders
Iridescence
  crystallography 548.9
  mineralogy 549.125
  physics 535.4
  see also spec. materials
Iridium
  compounds
    chemistry **546.643**
    manufacture 661.06+
  fabrication *see* Iridium industries
  geology
    gen. wks. 553.499
    mineralogy
      element 549.23
      minerals *see spec. minerals*

Iridium (continued)
industries
extractive
metallurgy 669.79
mining 622.349+
manufacturing
economics 338.47+
technology 673.79
metallography *see* Iridium properties
mineralogy *see* Iridium geology
mining *see* Iridium industries
products *see spec. subj.*
properties
chemistry 546.643
engineering 620.189 9
metallography 669.957+
see also Radiochemistry
Irion Co. Tex. *area* –764 874
Iris *see* Uvea
Irises *see* Iridales
Irish Sea *see* Atlantic Ocean
Irish (ethnic group) *see* Celtic
Irish
potatoes *see* Potatoes
Iritis *see* Uveal disorders
Irkutsk Siberia *area* –†575
Iron
Co.
Mich. *area* –774 975
Mo. *area* –778 88
Utah *area* –792 47
Wis. *area* –775 22
Mts. Tenn.-Va.
gen. wks. *area* –768 984
see also other areas
Iron
Age
gen. wks. †913.031 6
see also spec. aspects
alloys
manufacture
economics 338.47+
technology 672
metallurgy 669.1
properties
chemistry 546.621
engineering 620.17
metallography 669.951
art metalwork 739.4
Iron (continued)
compounds
chemistry 546.621
manufacture 661.06+
pharmacology
gen. wks. 615.2+
veterinary 636.089+
fabrication *see* Iron industries
geology
gen. wks. 553.3
mineralogy
element 549.23
minerals *see spec. minerals*
industries
extractive
metallurgy 669.1
mining
economics 338.27+
technology 622.341
manufacturing
economics 338.47+
technology 672
metabolism *see* Macronutrient elements
metallography *see* Iron properties
mineralogy *see* Iron geology
mining *see* Iron industries
products *see spec. subj.*
properties
chemistry 546.621
construction 691.7
engineering 620.17
metallography 669.951
see also Radiochemistry
Ironing
textiles *see* Laundering
Ironweed *see* Asterales
Ironwood
trees
culture 635.933+
forestry 634.973+
see also Sapindales
Ironwork
art 739.4
blacksmithing *see* Small forge work
industries *see* Iron industries
Iroquois Co. Ill. *area* –773 64

Irrigation
agriculture
gen. wks. 631.7
see also spec. crops
engineering
economics 338.47+
technology 627.52
farming *see* Terracing
water *see* Water supply
Irwin Co. Ga. *area* –758 855
Isabella Co. Mich. *area* –774 51
Isagogics
Bible
gen. wks. 220.61
see also spec. parts
see also other sacred books
Isaiah (O.T.)
gen. wks. 224.1
see also Pseudepigrapha
Isaias *see* Isaiah (O.T.)
Isanti Co. Minn. *area* –776 64
Isère France *area* –449 9
Isfahan & Yezd Iran *area* –559 5
Ishikawa Japan *area* –521 5
Islam
culture groups
geography 910.091+
history 909.09+
subj. treatment *area* –176+
philosophy 181.07
religion 297
Island Co. Wash. *area* –797 75
Islands
geography
gen. wks. 910.091+
physical †910.02+
geology 551.42
history 909.09+
subj. treatment *area* –†142
see also spec. isls.
Islands of Langerhans *see* Pancreas
Isle
of Pines
Cuba *see* Cuba
New Caledonia *see* New Caledonia
of Wight Co. Va. *area* –755 54
Royale Mich. *area* –774 997
Islets of Langerhans *see* Pancreas
Islington London *area* –421 4
Isobars *see* Barometry
Isobutylene
rubbers *see* Elastomers
Isoetales
botany 587.1
floriculture 635.937+
paleobotany 561.71
Isoetes *see* Isoetales
Isolation
pol. meas. *see* International relations
public health meas.
animals
gen. wks. 636.089+
see also spec. animals
man 614.45
see also spec. diseases
Isomers
chemistry
gen. wks. †541.225 2
organic †547.1+
manufacture
economics 338.47+
technology 661.89
see also spec. products
Isonitriles *see* Nitrogen compounds
Isoplacophora *see* Crepipoda
Isopoda
culture 639.5
paleozoology 565.37
zoology 595.372
Isoptera
paleozoology 565.73
zoology 595.736
Isospondyli
paleozoology 567.5
zoology 597.55
Isostasy
geology 551.12
physics *see* Statics
Isotherms *see* Temperatures
Isotopes
chemistry 541.388
manufacture
economics 338.47+
technology 660.29+
physics 539.74–.75
see also spec. applications
Isparta Turkey *area* –564
Israel
ancient *area* –†33

Israel (continued)
modern *area* –569 4
Issaquena Co. Miss. *area* –762 41
Istanbul Turkey *area* –496 1
Istria
ancient *area* –373
modern *area* –†497 2
Italian
ethnic groups *area* –174+
language **450**
lingual groups *area* –175+
see also other spec. subj.
Italian greyhounds *see* Miniature dogs
Italic
ethnic groups ***area* –174+**
languages **470**
lingual groups ***area* –175+**
see also other spec. subj.
Italy
ancient ***area* –37**
modern ***area* –45**
Itapúa Paraguay *area* –892 1
Itasca Co. Minn. *area* –776 78
Itawamba Co. Miss. *area* –762 98
Ithaca Greece *see* Ionian Isls.
Ivanovo RSFSR *area* –473 1
Ivory Coast *area* –666 8
Ivory
carvings 736.6
products
manufacture
economics 338.47+
technology 679.43
marketing 658.809+
see also spec. applications
Ivy *see* Umbelliflorae
Iwate Japan *area* –521 1
Izard Co. Ark. *area* –767 27
Izmir Turkey *area* –562

J

JATO
planes *see* Heavier-than-air aircraft
Jabots *see* Dress accessories
Jacamars *see* Piciformes
Jacanas *see* Charadriiformes
Jacaranda *see* Cucurbitales
Jack Co. Tex. *area* –764 544
Jackals
culture 639.97+
see also Canidae
Jackasses *see* Asses
Jackets *see* Garments
Jack-in-the-pulpits *see* Arales
Jackson
Co.
Ala. *area* –761 95
Ark. *area* –767 97
Colo. *area* –788 66
Fla. *area* –759 93
Ga. *area* –758 145
Ill. *area* –773 994
Ind. *area* –772 23
Ia. *area* –777 64
Kan. *area* –781 335
Ky. *area* –769 18
Mich. *area* –774 28
Minn. *area* –776 235
Miss. *area* –762 12
Mo. ***area* –778 41**
N.C. *area* –756 95
O. *area* –771 85
Okla. *area* –766 45
Ore. *area* –795 27
S.D. *area* –783 57
Tenn. *area* –768 51
Tex. *area* –764 127
W.Va. *area* –754 31
Wis. *area* –775 51
Par. La. *area* –763 92
Jacobian
forms *see* Invariants
Jacobite
Church *see* Monophysite churches
Jacquard
looms *see* Looms
Jacquard-weave
fabrics *see* Fancy-weave fabrics
Jacques Cartier Co. Que. *area* –714 28
Jade
mineralogy 549.66
see also Semiprecious stones
Jadeite
mineralogy 549.66
see also Semiprecious stones
Jaén Spain *area* –468 3
Jaguars *see* Cats
Jai alai *see* Racket games

Jail
buildings *see* Prison buildings
Jails *see* Prisons
Jainism
culture groups
geography 910.091+
history 909.09+
subject treatment *area* –176+
philosophy 181.04+
religion **294.4**
Jalisco Mexico *area* –723
Jamaica (West Indian island) *area* –729 2
Jamaica
apples *see* Anonaceous fruits
James
City Co. Va. *area* –755 425
River (S.D.-N.D.)
gen. wks. ***area* –783 3**
N.D. ***area* –†784 5**
River (Va.)
gen. wks. ***area* –755 4**
see also other areas
James (N.T.) *see* Catholic epistles
Jamesonite
mineralogy 549.35
see also Lead geology
Jammu & Kashmir India *area* –546
Jams
cookery 641.6
production
commercial †664.152
home 641.852
Jamtland Sweden *area* –488
Jan Mayen Isl. *area* –983
Janitors *see* Domestic employees
Jansenist
Church *see* Schismatic churches
religion *see* Heresies
Japan (country) ***area* –52**
Japan (sea) *see* Pacific Ocean
Japan
clover *see* Bush clovers
Japanese
chestnuts *see* Chestnuts
ethnic groups *area* –174+
language **495.6**
Japanese (continued)
lingual groups *area* –175+
plums *see* Loquats
river fever *see* Rickettsial diseases
wrestling *see* Unarmed combat
see also other spec. subj.
Japanning *see* Lackering
Japans
manufacture
economics 338.47+
technology 667.8
see also spec. applications
Jars *see* Containers
Jasmines *see* Loganiales
Jasper Co.
Ga. *area* –758 58
Ill. *area* –773 74
Ind. *area* –772 977
Ia. *area* –777 59
Miss. *area* –762 575
Mo. *area* –778 72
S.C. *area* –757 98
Tex. *area* –764 159
Jaundice *see* Biliary disorders
Java *area* –922
Javanese *see* Austronesian
Javelin
throwing *see* Track athletics
Jawbones *see* Bones
Jay Co. Ind. *area* –772 67
Jays
agricultural pests 632.6+
see also Corvidae
Jazz
gen. wks. **781.57**
see also spec. mediums
Jealousy
faults *see* Evils
psychology *see* Emotions
Jeff Davis Co.
Ga. *area* –758 827
Tex. *area* –764 934
Jefferson
Co.
Ala. ***area* –761 78**
Ark. *area* –767 79
Colo. *area* –788 84
Fla. *area* –759 87
Ga. *area* –758 66
Ida. *area* –796 58

Jefferson
  Co. (continued)
    Ill. *area* –773 793
    Ind. *area* –772 13
    Ia. *area* –777 94
    Kan. *area* –781 37
    Ky. *area* –769 44
    Miss. *area* –762 28
    Mo. *area* –778 67
    Mont. *area* –786 67
    Neb. *area* –782 33
    N.Y. *area* –747 57
    O. *area* –771 69
    Okla. *area* –766 52
    Ore. *area* –795 85
    Pa. *area* –748 62
    Tenn. *area* –768 924
    Tex. *area* –764 145
    Wash. *area* –797 98
    W.Va. *area* –754 99
    Wis. *area* –775 85
  Par. La. *area* –763 38
Jefferson Davis
  Co. Miss. *area* –762 54
  Par. La. *area* –763 55
Jeffersonian
  Republican Party *see* Political parties
Jehovah *see* God
Jehovah's Witnesses *see* Recent Christian sects
Jejunitis *see* Intestinal disorders
Jejunum *see* Intestines
Jellies
  cookery 641.6
  production
    commercial †664.152
    home 641.852
Jellyfish *see* Hydrozoa
Jellying
  agents
    manufacture
      economics **338.47+**
      technology **664.2**
    see also spec. uses
Jenkins Co. Ga. *area* –758 69
Jennerian
  vaccines *see* Serums
Jennies *see* Spinning machines
Jennings Co. Ind. *area* –772 17
Jerauld Co. S.D. *area* –783 32
Jeremiah (O.T.)
  gen. wks. **224.2**
  see also Pseudepigrapha
Jeremias (O.T.) *see* Jeremiah (O.T.)
Jeremy (Apocrypha) *see* Epistle of Jeremy
Jerome Co. Ida. *area* –796 35
Jersey Co. Ill. *area* –773 855
Jerusalem
  artichoke sirup *see* Sugars
  artichokes
    agriculture
      economics 338.17+
      technology
        field crops **633.494**
        garden crops **635.24**
    fodder
      gen. wks. 636.086
      see also spec. animals
    food 641.35+
    processing *see spec. products*
    see also Asterales
  cherries *see* Solanales
  corn *see* Sorghums
Jessamine Co. Ky. *area* –769 48
Jesuits
  history 271.5
  see also Religious congregations
Jesus
  Christianity *see* Christology
  Islam *see* Koran
Jesus Isl. Que. see Laval Co.
Jet
  aircraft *see* Heavier-than-air aircraft
  coal *see* Coals
  compressors *see* Air compressors
  engines
    engineering
      economics **338.47+**
      technology
        aeronautics **629.134 353**
        gen. wks. 621.435
        see also other spec. branches
    see also spec. applications

Jet (continued)
  pumps *see* Pumps
  streams *see* Winds
Jetons *see* Tokens (metallic)
Jetties *see* Harbors
Jewell Co. Kan. *area* –781 22
Jewelry
  customs 391.7
  fabrication
    arts
      precious metals **739.27**
      see also other spec. materials
    manufacture
      economics 338.47+
      technology 688.2
  marketing 658.809+
Jewelweeds *see* Geraniales
Jewish
  ethnic groups *area* –174+
Jews *area* –174+
Jew's harp *see* Reed instruments
Jigging
  ores *see* Ore concentration
Jigs
  engineering
    economics 338.47+
    technology
      gen. wks. 621.99
      see also spec. branches
  see also spec. applications
Jihad *see* Religious wars
Jim Hogg Co. Tex. *area* –764 48
Jim Wells Co. Tex. *area* –764 465
Jimson weed
  agricultural pest 632.58
  see also Solanales
Jipijapa
  fibers *see* Basketry fibers
Jiujitsus *see* Unarmed combat
Jo Daviess Co. Ill. *area* –773 34
Joachim (father of Mary)
  gen. wks. 232.933
  see also spec. aspects
Job (O.T.)
  gen. wks. **223.1**
  see also Pseudepigrapha
Job
  qualifications
    labor economics 331.114
    management **658.311 2**
Jobbers *see* Wholesale marketing
Job-lot
  methods *see* Operational management
Joel (O.T.) *see* Minor prophets
John the Baptist
  gen. wks. 232.94
  see also spec. aspects
John (N.T.)
  Epistles *see* Catholic epistles
  Gospels *see* Gospels
  Revelation *see* Revelation
John Dorys
  culture 639.37+
  fishing industries 639.27+
  see also Acanthopterygii
Johne's
  disease *see* Dysenteries
Johnson Co.
  Ark. *area* –767 33
  Ga. *area* –758 676
  Ill. *area* –773 996
  Ind. *area* –772 515
  Ia. *area* –777 655
  Kan. *area* –781 675
  Ky. *area* –769 245
  Mo. *area* –778 455
  Neb. *area* –782 276
  Tenn. *area* –768 99
  Tex. *area* –764 524
  Wyo. *area* –787 35
Johnson
  grass *see* Sorghums
Johnston
  Co.
    N.C. *area* –756 41
    Okla. *area* –766 68
  Isl. *area* –969 9
Joinery
  gen. wks. *see* Structural woodworking
  ships *see* Hull construction
Joint
  stock companies *see* unincorporated companies
Joints (anatomical)
  anatomy
    animals
      vet. sci. 636.089+
      zoology 596.047

Joints
anatomy (continued)
man 611.72
diseases
animals
vet. sci. 636.089+
zoology 596.02
man
medicine 616.72
pediatrics 618.92+
surgery 617.472
see also Orthopedic surgery
physiology
animals
vet. sci. 636.089+
zoology 596.018
man 612.75
Joints (geological)
gen. wks. 551.84
see also spec. ores
Joints (mechanical) *see* Couplings (mechanical)
Joists *see* Structural woodworking
Joliette Co. Que. *area* –714 42
Jonah (O.T.) *see* Minor prophets
Jonas (O.T.) *see* Minor prophets
Jones Co.
Ga. *area* –758 567
Ia. *area* –777 63
Miss. *area* –762 55
N.C. *area* –756 21
S.D. *area* –783 577
Tex. *area* –764 733
Jonkoping Sweden *area* –486
Jonquils *see* Amaryllidales
Jordan (country) *area* –569 5
Jornada del Muerto N.M.
gen. wks. *area* –789 62
see also other areas
Joseph (husband of Mary)
gen. wks. 232.932
see also spec. aspects
Josephine Co. Ore. *area* –795 25
Joshua Tree Nat. Monument Calif.
gen. wks. *area* –794 97
see also other areas

Joshua (O.T.)
gen. wks. **222.2**
see also Pseudepigrapha
Josue (O.T.) *see* Joshua
Joule's law *see* Thermodynamics
Journalism
gen. wks. **070.1–.4**
in schools
gen. wks. †371.897
see also spec. levels of ed.
Journals (diaries) *see* Diaries
Journals (mechanisms)
engineering
economics 338.47+
technology
gen. wks. 621.821
see also spec. branches
see also spec. applications
Journals (publications) *see* Serials
Journeys *see* Travels
Jousts *see* Knightly customs
Joy *see* Emotions
Juab Co. Utah *area* –792 44
Juan de Fuca Strait
gen. wks. *area* –797 99
see also other areas
Jubaland *area* –†677 3
Jubilees *see* Official ceremonies
Judaic
ethnic groups *area* –174+
religion *see* Judaism
Judaism
culture groups
geography 910.091+
history 909.09+
subject treatment *area* –176+
philosophy 181.3
religion **296**
Judas
trees
culture 635.977+
forestry 634.973+
see also Leguminosae
Jude (N.T.) *see* Catholic epistles
Judea *see* Palestine
Judeo-German *see* Yiddish

Judges (O.T.)
gen. wks. **222.3**
see also Pseudepigrapha
Judging
livestock
gen. wks. 636.081 1
see also spec. animals
Judgment
psychology †153.46
religion
Christian
Christology 232.7
eschatology 236.9
see also other spec. rel.
Judicial
settlement *see* Conciliation practices
system
administrative law †340
criminal law 343.1
gen. wks. **347.9**
mil. law
gen. wks. 355.133 2
see also spec. services
Judith Basin Co. Mont. *area* –786 62
Judith
Apocrypha **229.24**
liturgy
Christianity **264**
Judaism **296.4**
Judo *see* Unarmed combat
Jugatae
paleozoology 565.78
zoology 595.78
Juggling *see* Magic arts
Juglandaceae *see* Juglandales
Juglandales
botany 583.973
floriculture 635.933+
Juglans *see* Walnuts
Jugs *see* Containers
Jujitsus *see* Unarmed combat
Jujuy Argentina *area* –824
Julianiaceae *see* Juglandales
Jumping *see* Track athletics
Juncaceae *see* Juncales
Juncaginaceae *see* Juncaginales
Juncaginales
botany 584.744
floriculture 635.934+

Juncales
botany 584.45
floriculture 635.934+
June
beetles
agricultural pests 632.7+
culture 638.57+
see also Polyphaga
Juneau
Co. Wis. *area* –775 55
election district Alaska *area* –798 2
Juneberries
agriculture
economics 338.17+
technology 634.74
food 641.34+
processing *see spec. products*
see also Rosales
Jungermanniaceae *see* Hepaticae
Jungle
warfare *see* Battle tactics
Juniata
Co. Pa. *area* –748 47
River Pa.
gen. wks. *area* –748 45
see also other areas
Junín Peru *area* –852
Junior
college
libraries *see* College libraries
colleges *see* Colleges
high school
libraries *see* School libraries
high schools *see* Secondary schools
misses' clothing *see* Garments
republics
management 658.91+
services 362.745
Juniper
trees
culture 635.977+
forestry 634.975 9+
see also Coniferales
Junks *see* Sailing crafts
Juno (planet) *see* Minor planets

Jupiter (planet)
astronomy
descriptive 523.45
theoretical 521.5
see also s.s.–015+
Jura
France
dept. *area* –444 7
mts. *area* –444 5
Switzerland *area* –494 3
Jurassic
period *see* Mesozoic era
Juries *see* Judicial system
Jurisprudence *see* Law
Jury
trials
civil cases 347.91
criminal cases 343.1
gen. wks. 340.4
Justice
departments *see* Executive departments
govt. control
gen. wks. 350.88
see also spec. levels of govt.
law *see* Law
virtue *see* Virtues
Justification
religion
Christian 234.7
gen. wks. 291.22
see also other spec. rel.
see also other spec. aspects
Justinian
Code *see* Roman law
Jute
agriculture
economics 338.17+
technology 633.54
textiles
manufacture
economics 338.47+
technology 677.13
see also spec. applications
see also Tiliales
Jutland Denmark *area* –489 5
Juvenile
delinquents
criminology *see* Offenders
Juvenile
delinquents (continued)
gen. wks. *see* Exceptional children
Juveniles *see* Young people

K

K vitamin *see* Vitamins
Kabardino-Balkar ASSR *area* –479
Kabyle *see* Berber
Kaddish *see* Funeral rites
Kaffir *see* Kafir
Kafir
corn *see* Sorghums
milkpox *see* Eruptive fevers
Kagawa Japan *area* –523
Kagoshima Japan *area* –522
Kahoolawe Hawaii *area* –969 22
Kainite *see* Potassium geology
Kala-azar *see* Protozoan infections
Kalam *see* Dogmatism
Kalamazoo
Co. Mich. *area* –774 17
River Mich.
gen. wks. *area* –774 1
see also other areas
Kalanchoe *see* Saxifragales
Kalawao Co. Hawaii *area* –969 24
Kale *see* Cabbages
Kalimantan *area* –911 2
Kalinin RSFSR *area* –476
Kaliningrad RSFSR *area* –†474 7
Kalium *see* Potassium
Kalkaska Co. Mich. *area* –774 65
Kallitype
process *see* Special-process photography
Kalmar Sweden *area* –486
Kalmuk *see* Kalmyk
Kalmyk ASSR *area* –478 5
Kalmyk (subject) *see* Mongolic
Kaluga RSFSR *area* –476
Kamchatka Siberia *area* –†577
Kames *see* Glaciology
Kamouraska Co. Que. *area* –714 75
Kanabec Co. Minn. *area* –776 63
Kanagawa Japan *area* –521 3
Kanarese *see* Dravidian

Kanawha
Co. W.Va. *area* –754 37
River W.Va.
gen. wks. *area* –754 3
see also other areas
Kandh *see* Dravidian
Kandiyohi Co. Minn. *area* –776 48
Kane Co.
Ill. *area* –773 23
Utah *area* –792 51
Kangaroos *see* Marsupials
Kankakee Co. Ill. *area* –773 63
Kannada *see* Dravidian
Kansas *area* –781
Kansu China *area* –514 5
Kantianism
gen. wks. 142.3
see also spec. philosophers
Kanuri *see* Chad
Kaolin
mineralogy 549.67
see also Clays
Kaolinite
mineralogy 549.67
see also Clays
Kapok
agriculture
economics 338.17+
technology 633.59
textiles
manufacture
economics 338.47+
technology 677.23
see also spec. applications
see also Tiliales
Kara-Kalpak ASSR *area* –587
Karakoram Mts.
gen. wks. *area* –546
see also other areas
Karate *see* Unarmed combat
Karditsa Greece *area* –495 4
Karelia USSR *area* –472 5
Karelian *see* Finnic
Karl-Marx-Stadt Germany *area* –432 1
Karma *see* Eschatology
Karnes Co. Tex. *area* –764 444
Karpathos Greece
ancient *area* –391 7
modern *area* –499 6
Kars Turkey *area* –566 2
Karst Yugoslavia *area* –†497 3
Karst
holes *see* Caves
Karting *see* Motoring
Kartvelian *see* Caucasian
Kashmir *area* –546
Kashrut
laws *see* Personal religion
Kashubian *see* Polish
Kassala Sudan *area* –629 2
Kastamonu Turkey *area* –†563
Kastoria Greece *area* –495 6
Katharevusa *see* Greek
Katowice Poland *area* –†438 5
Katydids *see* Grasshoppers
Kauai Co. Hawaii *area* –969 4
Kaufman Co. Tex. *area* –764 277
Kavalla Greece *area* –495 6
Kay Co. Okla. *area* –766 24
Kayaks *see* Hand-propelled craft
Kayseri Turkey *area* –564
Kazakhstan USSR *area* –584 5
Kearney Co. Neb. *area* –782 394
Kearny Co. Kan. *area* –781 425
Kechua *see* Amerindians
Keel
blocks *see* Shipyards
construction *see* Hull construction
Keene's
cement *see* Cementing materials
Keeshonden *see* Nonsporting dogs
Keewatin *area* –712 6
Keewatin
period *see* Pre-Cambrian eras
Keeweenawan
period *see* Pre-Cambrian eras
Kegs *see* Cooperage
Keith Co. Neb. *area* –782 89
Kelps *see* Phaeophyta
Kemerovo Siberia *area* –573
Kemper Co. Miss. *area* –762 68
Kenai-Cook Inlet election district Alaska *area* –798 3
Kendall Co.
Ill. *area* –773 26
Tex. *area* –764 886

Kenedy Co. Tex. *area* –764 473
Kennebec
  Co. Me. *area* –741 6
  River Me.
    gen. wks. **area –741 2**
    see also other areas
Kennelly-Heaviside
  layers *see* Ionosphere
Kennels *see* Shelters
Keno
  cards *see* Recreational equipment
  game *see* Counter games
Kenora District Ont. *area* –713 11
Kenosha Co. Wis. *area* –775 98
Kenpo *see* Unarmed combat
Kensington London *area* –421 3
Kent Co.
  Del. *area* –751 4
  Eng. *area* –422 3
  Md. *area* –752 36
  Mich. *area* –774 55
  N.B. *area* –715 22
  Ont. *area* –713 33
  R.I. *area* –745 4
  Tex. *area* –764 738
Kenton Co. Ky. *area* –769 35
Kentucky ***area* –769**
Kenya *area* –676 2
Keokuk Co. Ia. *area* –777 91
Kepler's laws
  astronomy 521.3
  physics 531.5
Kerala India *area* –548 3
Keratosa *see* Porifera
Kerguelen Isls. Indian Ocean *area*–†699
Kerman Iran *area* –†558
Kermanshah Iran *area* –555
Kern Co. Calif. *area* –794 88
Kernite
  mineralogy 549.735
  see also Boron
Kerosenes *see* Petroleum products
Kerr Co. Tex. *area* –764 884
Kerry Ireland *area* –419 6
Kershaw Co. S.C. *area* –757 61
Ket *see* Paleosiberian
Ketches *see* Sailing craft
Ketchikan election district Alaska *area* –798 2
Ketones
  chemistry 547.036
  manufacture
    economics 338.47+
    technology 661.85
  pharmacology
    gen. wks. 615.3+
    veterinary 636.089+
  see also spec. products
Kettle River Range Wash.
  gen. wks. *area* –797 25
  see also other areas
Kettledrums *see* Percussion instruments
Kettles (geology) *see* Glaciology
Keuka Lake N.Y.
  gen. wks. *area* –747 82
  see also other areas
Kewaunee Co. Wis. *area* –775 62
Keweenaw Co. Mich. *area* –774 995
Key
  bugles *see* Horns (musical instruments)
Keya Paya Co. Neb. *area* –782 725
Keyboard
  string instruments
    manufacture
      economics 338.47+
      technology 681.81+
    music 786.1
  wind instruments
    manufacture
      economics 338.47+
      technology 681.81+
    music 786.5
Keynesianism *see* Economic systems
Keys *see* Locksmithing
Khabarovsk Siberia *area* –†577
Khalkha *see* Mongolic
Khartoum Sudan *area* –626 2
Khmer *see* Austroasian
Khond *see* Dravidian
Khurasan Iran *area* –559
Khuzistan Iran *area* –556
Kiangsi China *area* –512 2
Kiangsu China *area* –511 3
Kidder Co. N.D. *area* –784 57
Kidnapers *sec* Offenders
Kidnaping *see* Offenses

Kidney
  beans *see* Garden beans
  stones *sec* Urinary disorders
Kidneys
  anatomy
    animals
      vet. sci. 636.089+
      zoology 591.44
      see also spec. animals
    man 611.61
  diseases *see* Renal disorders
  physiology
    animals
      vet. sci. 636.089+
      zoology 591.14
      see also spec. animals
    man 612.463
Kids *see* Goats
Kielce Poland *area* –†438 4
Kieselguhr *see* Diatomaceous earth
Kildare Ireland *area* –418 5
Kilimanjaro
  gen. wks. *area* –678 2
  see also other areas
Kilkenny Ireland *area* –418 9
Kilkis Greece *area* –495 6
Killifishes
  culture 639.37+
  fishing industries 639.27+
  see also Mesichthyes
Kilns
  ceramic
    arts 738.13
    industries 666.4+
  lumber industry 674.384
Kimball Co. Neb. *area* –782 97
Kimble Co. Tex. *area* –764 878
Kincardine Scotland *area* –412 6
Kindergartens *see* Elementary schools
Kindness *see* Benevolence
Kinematic
  geometry
    gen. wks. **516.8**
    see also ***s.s.*–015+**
Kinematics
  engineering
    machines
      gen. wks. 621.811
      see also spec. machines
    see also spec. branches
Kinematics (continued)
  mechanics
    gen. wks. 531.11
    see also spec. branches
  meteorology 551.515 1
  see also spec. applications
Kinesthetic
  perception *see* Proprioceptive perceptions
Kinetic
  theory
    chemistry
      gen. wks. 541.39
      organic 547.1+
    physics
      gen. wks. 530.13
      see also spec. branches
Kinetics
  engineering
    machines
      gen. wks. 621.811
      see also spec. branches
  mechanics
    gen. wks. 531.3
    see also spec. branches
  sec also spec. applications
King
  & Queen Co. Va. *area* –755 35
  Co.
    Tex. *area* –764 742
    Wash. *area* –797 77
  George Co. Va. *area* –755 25
  William Co. Va. *area* –755 355
King
  crabs
    fisheries
      economics 338.372+
      technology 639.54+
    food *sce* Seafood
    see also Anomura
Kingdom
  of God *see* Divine law
Kingfisher Co. Okla. *area* –766 32
Kingfishers *see* Coraciiformes
Kingfishes
  culture 639.375+
  fishing
    industries
      economics 338.372+
      technology 639.27+
    sports 799.17+

Kingfishes (continued)
food
cookery 641.6+
gen. wks. 641.39+
see also Acanthopterygii
Kinglets *see* Sylviidae
Kingman Co. Kan. *area* –781 84
Kings
Canyon Nat. Park
Calif. *area* –794 82
Co.
Calif. *area* –794 85
N.B. *area* –715 41
N.Y. *area* –747 23
N.S. *area* –716 34
P.E.I. *area* –717 7
Kings (O.T.)
gen. wks. **222.5**
pseudepigrapha 229.911
see also Samuel (O.T.)
Kings (royalty) *see* Royalty
Kingsbury Co. S.D. *area* –783 273
Kinkajous *see* Procyonines
Kinney Co. Tex. *area* –764 433
Kinross Scotland *area* –413 4
Kinship
customs 392.32
ethics
philosophy 173
religion
Christian **241**
see also other spec. rel.
genealogy *see* Genealogy
sociology **301.4**
Kiowa Co.
Colo. *area* –788 93
Kan. *area* –781 785
Okla. *area* –766 47
Kirghiz *see* Turkic
Kirghizistan USSR *area* –584 3
Kirin China *area* –518 8
Kirkcudbright Scotland *area* –414 9
Kirklareli Turkey *area* –496 1
Kirov RSFSR *area* –478 1
Kirsch *see* Spirits (alcoholic)
Kirsehir Turkey *area* –564
Kirtland's
warblers *see* Sylviidae
Kissimmee River Fla.
gen. wks. *area* –759 53
see also other areas
Kit Carson Co. Colo. *area*–788 91

Kitchen
gardens *see* Garden crops
utensils *see* Household appliances
Kitchens *see* Rooms
Kite flying
recreation 796.15
see also other aspects
Kites
aircraft *see* Heavier-than-air aircraft
toys *see* Recreational equipment
Kitsap Co. Wash. *area* –797 76
Kittatinny Mts.
gen. wks. *area* –749 76
see also other areas
Kittenball *see* Bat games
Kittens *see* Cats
Kittitas Co. Wash. *area* –797 57
Kittson Co. Minn. *area* –776 99
Kiwis
conservation 639.97+
culture 636.6
hunting
industries 639.12+
sports 799.248+
see also Apterygiformes
Kjeldahl
method *see* Volumetric analysis
Klamath
Co. Ore. *area* **–795 91**
Mts.
Calif. *area* –794 21
gen. wks. *area* **–795 2**
Kleberg Co. Tex. *area* –764 47
Kleptomania *see* Personality disorders
Klickitat Co. Wash. *area* –797 53
Klystrons
engineering
gen. wks. 621.381 333
see also spec. branches
physics 537.534 4
see also spec. applications
Kneipp
cure *see* Hydrotherapy
Knighthood
Christian orders 271.79
gen. wks. 929.71

Knightly
customs
folklore
hist. & criticism 398.35
legends 398.22
gen. wks. 394.7
orders *see* Knighthood
Knights (heraldry) *see* Knighthood
Knights
of Malta
history 271.79
see also Religious congregations
Knitting *see* Chain-stitch fabrics
Knitwear *see* Garments
Knives *see* Tableware
Knott Co. Ky. *area* –769 165
Knotted
fabrics
crafts 746.43
manufacture
economics **338.47+**
technology **677.66**
marketing 658.809+
see also spec. applications
Knotting
ropes
scouting *see* Young people organizations
seamanship *see* Seamanship
Knowledge
gen. wks. **001**
philosophy
classification 112
gen. wks. **121**
psychology
animals **†156.3+**
gen. wks. **153.4**
religion *see* Intellectualism
see also Education
Know-Nothing
Party *see* Political parties
Knox Co.
Ill. *area* –773 49
Ind. *area* –772 39
Ky. *area* –769 125
Me. *area* –741 53
Mo. *area* –778 315
Neb. *area* –782 59

Knox Co. (continued)
O. *area* –771 52
Tenn. *area* –768 85
Tex. *area* –764 743
Koalas *see* Marsupials
København Denmark *see* Copenhagen
Kobuk election district Alaska *area* –798 7
Kocaeli Turkey *area* –†563
Kochi Japan *area* –523
Kodagu *see* Dravidian
Kodiak election district Alaska *area* –798 4
Koenigsberg *see* Kaliningrad
Kohlrabi *see* Cabbages
Kok-saghyz
agriculture
economics 338.17+
technology 633.895 9
latex *see* Elastomers
processing *see spec. products*
see also Asterales
Kola trees *see* Cola trees
Kolarian *see* Austroasian
Kolkwitziellales *see* Pyrrophyta
Komi ASSR *area* –478 7
Königsberg *see* Kaliningrad
Konya Turkey *area* –564
Koochiching Co. Minn. *area* –776 79
Kootenai
Co. Ida. *area* –796 94
River
gen. wks. *area* –711 45
see also other areas
Kopparberg Sweden *area* –487
Koran
literature 809.935+
religion **297.122**
Kordofan Sudan *area* –628
Korea *area* **–519**
Korean
ethnic groups *area* –174+
language **495.7**
lingual groups *area* –175+
see also other spec. subj.
Korotrin *see* Endocrine drugs
Koryak *see* Paleosiberian
Kosciusko Co. Ind. *area* –772 82

Kosher
cookery *see* Special-purpose cookery
laws *see* Personal religion
Kosovo-Metohija Yugoslavia *area* –†497 1
Kossuth Co. Ia. *area* –777 21
Kostroma RSFSR *area* –473 1
Koszalin Poland *area* –†438 1
Kota *see* Dravidian
Kozane Greece *area* –495 6
Kraft
process *see* Pulping
wrapping *see* Paper products
Krakow Poland *area* –†438 6
Krasnodar RSFSR *area* –479
Krasnoyarsk Siberia *area* –†575
Krimmer
Brueder Gemeinde *see* Mennonites
Kristianstad Sweden *area* –486
Kronoberg Sweden *area* –486
Krypton *see* Rare gases
Kudus *see* Antelopes
Kuibyshev RSFSR *area* –478 3
Kumamoto Japan *area* –522
Kumquats
agriculture
economics †338.17+
technology †634.34
food †641.34+
see also Rutales
Kung Fu *see* Unarmed combat
Kunlun Mts.
gen. wks. *area* –516
see also other areas
Kuopio Finland *area* –471 5
Kurdish *see* Iranian
Kurdistan *area* –566 7
Kurgan Siberia *area* –573
Kurile Isls. *area* –†577
Kursk RSFSR *area* –473 5
Kurukh *see* Dravidian
Kuskokwim election district Alaska *area* –798 4
Kutahya Turkey *area* –562
Kuwait *area* –†536 7
Kwangsi-Chuang China *area* –512 8
Kwangtung China *area* –512 7
Kweichow China *area* –513 4
Kyanite
mineralogy 549.62
see also Refractory materials
Kymi Finland *area* –471 1
Kyoto Japan *area* –521 91
Kyrie *see* Mass (religion)
Kythera Greece
ancient *area* –386
modern *area* –495 2
Kyushu Japan *area* –522

L

LC *see* Warships
LCM *see* Lymphocytic choriomeningitis
LST *see* Warships
Labelle Co. Que. *area* –714 225
Labette Co. Kan. *area* –781 96
Labiatae
botany 583.89
floriculture 635.933+
Labor (childbirth) *see* Parturition
Labor
control
governmental
gen. wks. 350.83
see also spec. levels of govt.
political 322.2
Day *see* Holidays
departments *see* Executive departments
economics 331
exchanges *see* Employment agencies
movements
pol. sci. 322.2
sociology 301.153
Party *see* Political parties
relations *see* Employer-employee relationships
songs *see* Topical songs
unions *see* Unions
Laboratories
school equipment *see* School buildings
spec. subj. *s.s.*–028

Laboratory
animals *see* Experimental animals
buildings *see* Research buildings
methods
teaching
gen. wks. 371.38
see also spec. levels of ed.
see also *s.s.*–018 5
Laborers
domestic *see* Domestic employees
gen. *see* Laboring classes
Laboring
classes
economics 331
sociology 301.444
welfare services †362.85
Labor-management
disputes *see* Union-management disputes
relationships *see* Employer-employee relationships
Labrador *area* –†719
Laburnum
trees
culture 635.977+
forestry 634.973+
see also Leguminosae
Labyrinth *see* Internal ear
Labyrinthitis *see* Internal ear
Labyrinthodontia
gen. wks. 567.6
see also *s.s.*–015+
Lac Qui Parle Co. Minn. *area* –776 38
Lac
insects
culture 638.3
see also Homoptera
Laccadive Isls. India *area* –†548 1
Laccoliths
geology
gen. wks. 551.88
see also spec. ores
see also Igneous rocks
Lacerations *see* Injuries
Lacertilia
paleozoology 568.11
Lacertilia (continued)
zoology 598.112
Laces *see* Openwork fabrics
Lacewings
agricultural pests 632.7+
culture 638.57+
see also Neuroptera
Lacings *see* Passementerie
Lacistemaceae *see* Piperales
Lackawanna Co. Pa. *area* –748 36
Lackering
crafts 745.72
industries *see* Surface finishing
Lackers *see* Varnishes
Laclede Co. Mo. *area* –778 815
Laconia Greece
ancient *area* –389
modern *area* –495 2
La Cordillera Paraguay *area* –892 1
La Coruña Spain *area* –461 1
Lacquering *see* Lackering
Lacquers *see* Varnishes
Lacrimal
disorders
animals
vet. sci. 636.089+
zoology 591.2
see also spec. animals
man 617.764
mechanism
anatomy
animals
vet. sci. 636.089+
zoology 591.48
see also spec. animals
man 611.84
diseases *see* Lacrimal disorders
physiology
animals
vet. sci. 636.089+
zoology 591.18
see also spec. animals
man 612.847
Lacrimonasal
ducts *see* Lacrimal mechanism
La Croix Lake
gen. wks. *area* –776 77
see also other areas
La Crosse Co. Wis. *area* –775 71

Lacrosse
activity *see* Racket games
equipment *see* Recreational equipment
Lactation
disorders
animals
vet. sci. 636.089+
see also spec. animals
man 618.71
management
animals
vet. sci. 636.089+
see also spec. animals
man 618.6
physiology
animals
vet. sci. 636.089+
see also spec. animals
man 612.664
Lactobacteriaceae *see* Eubacteriales
Lactoridaceae *see* Magnoliales
Lactose *see* Sugars
Lactuca
sativa *see* Lettuce
Ladin *see* Rhaeto-Romanic
Ladoga (lake) USSR *area* **–472**
Ladrone Isls. *see* Marianas Isls.
Ladybird
beetles
agricultural aids 632.96
culture 638.57+
see also Colydioidea
Ladybugs *see* Ladybird beetles
Laemophiurida *see* Ophiuroidea
Lafayette
Co.
Ark. *area* –767 57
Fla. *area* –759 816
Miss. *area* –762 83
Mo. *area* –778 45
Wis. *area* –775 79
Par. La. *area* –763 47
Lafourche Par. La. *area* –763 39
Lag b'Omer *see* Holy days
Lager
beer *see* Beers
Lagomorpha
paleozoology 569.32
Lagomorpha (continued)
zoology 599.322
Lagomorphs
agricultural pests 632.6+
conservation 639.97+
culture 636.9+
experimental med.
animals 636.089+
man 619.93
hunting
industries 639.11+
sports 799.279+
see also Lagomorpha
Lagoons
fresh-water *see* Water bodies
salt-water *see* Marine waters
Lagrange Co. Ind. *area* –772 79
Laissez faire
school *see* Economic systems
Lake
Co.
Calif. *area* –794 17
Colo. *area* –788 46
Fla. *area* –759 22
Ill. *area* –773 21
Ind. *area* –772 99
Mich. *area* –774 68
Minn. *area* –776 76
Mont. *area* –786 83
O. *area* –771 33
Ore. *area* –795 93
S.D. *area* –783 35
Tenn. *area* –768 12
District Eng. ***area* –428**
Mead Nat. Recreational Area *area* –793 12
of the
Cherokees Okla.
gen. wks. *area* –766 91
see also other areas
Ozarks Mo.
gen. wks. *area* –778 49
see also other areas
Woods
gen. wks. *area* –776 81
Ont. *area* –713 11
of the Woods Co. Minn. *area* –776 81
Saint John Co. Que. *area* –714 14

Lake
fishing *see* Fresh-water fishing
ice *see* Ice forms
liners *see* Merchant ships
Lakes *see* Water bodies
La Libertad Peru *area* –851
Lamaism *see* Buddhism
Lamar Co.
Ala. *area* –761 86
Ga. *area* –758 446
Miss. *area* –762 19
Tex. *area* –764 263
Lamarckism *see* Organic evolution
Lamaseries *see* Monastic buildings
Lamb Co. Tex. *area* –764 843
Lamb *see* Red meats
Lambayeque Peru *area* –851
Lambeth London *area* –421 6
Lambs *see* Sheep
Lambton Co. Ont. *area* –713 27
Lamellibranchia *see* Pelecypoda
Lamentations (O.T.)
gen. wks. **224.3**
see also Pseudepigrapha
Lamés *see* Fancy-weave fabrics
Lamé's functions *see* Harmonics
Lamiales
botany **583.87**
floriculture **635.933+**
Laminar
flow
engineering
aircraft 629.132 37
spacecraft 629.415
mechanics
gases 533.21+
liquids 532.515
Laminariales *see* Phaeophyta
Laminated
fabrics *see* Bonded fabrics
wood *see* Composite woods
Lamoille Co. Vt. *area* –743 35
La Moure Co. N.D. *area* –784 53
Lamp
shells *see* Brachiopoda
Lampasas Co. Tex. *area* –764 513
Lampblack *see* Adsorbent carbons
Lampreys
culture 639.37+
fishing
industries 639.27+
sports 799.17+
see also Cyclostomata (Anamnia)
Lamprophyres *see* Plutonic rocks
Lamps *see* Illumination
Lanai Hawaii *area* –969 23
Lanark Co.
Ont. *area* –713 82
Scotland ***area* –414 3**
Lancashire Eng. *area* –427 2
Lancaster Co.
Neb. *area* –782 29
Pa. *area* –748 15
S.C. *area* –757 45
Va. *area* –755 22
Lances *see* Side arms
Land
banks *see* Financial institutions
breezes *see* Winds
carnivores *see* Fissipeda
credit *see* Credit
drainage *see* Drainage
forces
mil. sci. **355**
see also spec. kinds of warfare
grants *see* Denationalization
mines *see* Low-velocity projectiles
quarantine *see* Quarantine
reclamation
agriculture
gen. wks. **631.6**
see also spec. crops
economies **333.7**
engineering
economics 338.47+
technology 627.52–.54
resources
economies **333**
see also ***area* –14**
surveys *see* Boundary surveying
title *see* Title (land)

Land (continued)
warfare
international law **341.31–.35**
mil. sci. **355**
see also hist. of spec. wars
see also Soils
Landed
gentry *see* Aristocracy
Lander Co. Nev. *area* –793 33
Landes France *area* –447 72
Land-grant
colleges & universities
gen. wks. 378.054
govt. control
gen. wks. †350.85
see also spec. levels of govt.
see also **s.s.–071 1**
universities *see* Land-grant colleges & universities
Landing
craft *see* Warships
fields *see* Airports
maneuvers *see* Battle tactics
Landlordism *see* Rent
Landlords'
liability
insurance *see* Liability insurance
law *see* Torts
Landplanes *see* Heavier-than-air aircraft
Landscape
architecture
cemeteries **718.8**
gen. wks. **712**
reserved lands **719.3**
design *see* Landscape architecture
gardening *see* Landscape architecture
Landscapes
arts
gen. wks. 704.943 6
see also spec. art forms
geography *see spec. areas*
Landslides
geology 551.35+
history
gen. wks. 904.5
see also spec. places
Landsmaal *see* Germanic
Lane Co.
Kan. *area* –781 45
Ore. *area* –795 31
Lanes *see* Trafficways
Langeland Denmark *area* –489 4
Langerhans
organ *see* Pancreas
Langlade Co. Wis. *area* –775 35
Language
arts
gen. wks. **400**
study & teaching
elementary ed. **†372.6**
see also **s.s.–07**
see also **s.s.–014**
disorders *see* Aphasias
translators
engineering
economics 338.47+
technology 621.389 4
see also spec. applications
Languedoc France *area* **–448**
Languedoc (dialect) *see* Dialectology
Lanier Co. Ga. *area* –758 817
Laniidae
paleozoology 568.8
zoology 598.862
Lanolin *see* Waxes
Lantanas *see* Verbenaceae
Lantern
fishes
culture 639.37+
fishing sports 799.17+
see also Isospondyli
projection *see* Photographic projection
Lanthanides *see* Rare-earths
Lanthanum *see* Rare-earths
Laoighis Ireland *area* –418 7
Laos *area* –594
Lap
robes *see* Felts
La Pampa Argentina *area* –821
La Paz Bolivia *area* –841
Lapeer Co. Mich. *area* –774 42
Lapidary
work *see* Glyptics
Lapilli *see* Volcanic rocks
Lapis lazuli *see* Lazurite

Laplace's
functions *see* Harmonics
Lapland *area* –471 7
La Plata (river) South America *see* Plata (river) South America
La Plata Co. Colo. *area* –788 29
La Porte Co. Ind. *area* –772 91
Lapp *see* Finnic
Lappet
work *see* Embroidery
Lappi Finland *area* –471 7
Lapping-machinery *see* Abrading-machinery
Laprairie Co. Que. *area* –714 34
Lara Venezuela *area* –872
Laramie
Co. Wyo. *area* –787 19
Range Wyo. *area* **–787 9**
Larceny
criminal *see* Offenses
psychopathic *see* Personality disorders
Larch
trees
culture 635.977+
forestry 634.975 7
see also Coniferales
Lard *see* Fats
Larder
beetles
agricultural pests 632.7+
culture 638.57+
see also Polyphaga
Lardizabalaceae *see* Berberidales
Large
industries *see* Big businesses
intestines *see* Intestines
Lari *see* Charadriiformes
Larimer Co. Colo. *area* –788 68
La Rioja Argentina *area* –824
Larissa Greece *area* –495 4
Larks *see* Alaudidae
Larkspurs *see* Ranales
Larue Co. Ky. *area* –769 71
Larvacea *see* Tunicata
Laryngeal
muscles
anatomy *see* Respiratory organs
Laryngeal
muscles (continued)
diseases *see* Respiratory diseases
physiology *see* Respiration
speech organ *see* Speech organs
Laryngitis *see* Respiratory diseases
Laryngology
anatomy *see* Respiratory organs
diseases *see* Respiratory diseases
physiology *see* Respiration
speech organ *see* Speech organs
Larynx
anatomy *see* Respiratory organs
diseases *see* Respiratory diseases
physiology *see* Respiration
speech organ *see* Speech organs
La Salle
Co.
Ill. *area* –773 27
Tex. *area* –764 453
Par. La. *area* –763 75
Las Animas Co. Colo. *area* –788 96
Lasers
engineering
economics 338.47+
technology 621.329
physics 535.58
see also spec. applications
Lasethi Greece *area* –499 8
Las Palmas Canary Isls. *area* –649
La Spezia Italy *area* –451 83
Lassen
Co. Calif. *area* –794 26
Volcanic Nat. Park Calif.
gen. wks. *area* –794 24
see also other areas
L'Assomption Co. Que. *area* –714 416
Last
judgment *see* Judgment
Supper
of Jesus Christ 232.957
see also Sacraments
things *see* Eschatology

Latah Co. Ida. *area* –796 86
Latent
heats *see* Physical transformations
Laterality *see* Habit formation
Latex
paints *see* Paints
Latexes
agriculture
gen. wks. *see* Saps
rubber *see* Rubber trees
rubber *see* Elastomers
Lathes *sec* Turning-machinery
Lathwork
economics 338.47+
technology 693.6
Latimer Co. Okla. *area* –766 76
Latin America ***area* –8**
Latin
ethnic groups *area* –174+
language **471–478**
lingual groups *area* –175+
see also other spec. subj.
Latin grammar schools *see* Secondary schools
Latina Italy *area* –456 23
Latitude *see* Coordinates
Latium Italy
ancient *area* –376
modern ***area* –456 2**
Latrines *see* Unsewered structures
Latter-Day Saints
Church
religion **289.3**
see also Church buildings
Lattice
girders *see* Beams
plants *see* Aponogetonales
theory *see* Groups
Lattice-girder
bridges *see* Girder bridges
Latvia *area* –474 3
Latvian
ethnic groups *area* –174+
language **491.93**
lingual groups *area* –175+
see also other spec. subj.
Lauderdale Co.
Ala. *area* –761 99
Miss. *area* –762 676
Tenn. *area* –768 16
Lauds *see* Divine Office
Launches *see* Small craft
Launching-ways *see* Shipyards
Laundering
commercial 667.13
domestic 648.1
Laundresses *see* Domestic employees
Lauraceae *see* Laurales
Laurales
botany 583.93
floriculture 635.933+
Laurel
Co. Ky. *area* –769 14
Hill Pa.
gen. wks. ***area* –748 8**
see also other areas
Laurels *see* Laurales
Laurens Co.
Ga. *area* –758 535
S.C. *area* –757 31
Laurentian Plateau
gen. wks. ***area* –714**
Man. *area* –712 72
Ont. ***area* –713 4**
Laurentides Provincial Park Que.
gen. wks. ***area* –714 4**
see also other areas
Lava Beds Nat. Monument Calif.
gen. wks. *area* –794 21
see also other areas
Lavaca Co. Tex. *area* –764 255
Laval Co. Que. *area* –714 271
Lavalieres *see* Jewelry
Lavalleja Uruguay *area* –895 2
Lavas *see* Volcanic rocks
Lavatories
equipment
homes 643.5
schools *see* School buildings
see also other spec. structures
plumbing *see* Plumbing
public *see* Comfort stations
Lavender (plant) *see* Labiatae
Law
Biblical **220.8+**
gen. wks. **†340**

Law (continued)
military
gen. wks. **355.133**
sec also spec. services
Law enforcement *see* Police services
Law of nations *see* International relations
Lawlessness *see* Offenses
Lawmaking *see* Legislation
Lawn
billiards *see* Mallet games
bowling *see* Simple ball games
tennis *see* Racket games
Lawns *see* Ground cover
Lawrence Co.
Ala. *area* –761 92
Ark. *area* –767 25
Ill. *area* –773 76
Ind. *area* –772 26
Ky. *area* –769 26
Miss. *area* –762 536
Mo. *area* –778 75
O. *area* –771 88
Pa. *area* –748 93
S.D. *area* –783 91
Tenn. *area* –768 42
Lawrencium *see* Rare-earths
Laws
gen. wks. *see* Statutes
of God *see* Divine law
Laxatives *sce* Gastroenteric drugs
Layering plants
agriculture 631.534
botany 581.165
sce also spec. plants
Layettes *see* Garments
Laying
guns *see* Gunnery
Layoffs *see* Unemployment
Laz *sec* Caucasian
Lazarists
history 271.77
see also Religious congregations
Laziness *see* Evils
Lazulite
mineralogy 549.72
see also Semiprecious stones
Lazurite
mineralogy 549.68
see also Semiprecious stones
Lea Co. N.M. *area* –789 33
Lead
accumulators *see* Batteries
alloys
manufacture
economics 338.47+
technology **673.4**
metallurgy 669.4
properties
chemistry **546.688**
engineering 620.183
metallography 669.954
art metalwork 739.54
compounds
chemistry **546.688**
manufacture 661.06+
toxicology
gen. wks. 615.925+
veterinary 636.089+
fabrication *see* Lead industries
geology
gen. wks. 553.44
mineralogy
element 549.23
minerals *see spec. minerals*
industries
extractive
metallurgy 669.4
mining 622.344
manufacturing
economics 338.47+
technology **673.4**
metallography *see* Lead properties
mineralogy *see* Lead geology
mining *see* Lead industries
products *sce spec. subj.*
properties
chemistry **546.688**
engineering 620.183
metallography 669.954
see also Radiochemistry
Leadership
psychology †158.4
sociology 301.155

Leading
windows *see* Windows
Leaf
beetles
agricultural pests 632.7+
culture 638.57+
see also Polyphaga
hoppers
agricultural pests 632.7+
culture 638.57+
see also Homoptera
League
of Nations
gen. wks. **341.12**
see also spec. services
rugby *see* Rugby
Leake Co. Miss. *area* –762 65
Learned
societies
gen. wks. **060**
library services
gen. wks. †027.6
see also spec. functions
society
buildings
architecture 727.9
construction
economics 338.47+
technology 690.7+
interior decoration 747.8+
Learning
education
gen. wks. 370.15
techniques **371.3**
psychology
animals **†156.3+**
gen. wks. **†153.15**
see also Intellectualism
Lease
systems
labor *see* Contract systems
land *see* Real estate
Least
common
multiple *see* Factoring
Leather
fabrics *see* Water-repellent fabrics
garments *see* Leather goods
Leather (continued)
goods
manufacture
economics **338.47+**
technology **685**
marketing **658.809+**
see also spec. applications
production
economics **338.47+**
technology **675.2**
Leathercrafts
arts 745.531
industry
economics **338.47+**
technology **685**
Leavening
agents
chemistry **546–547**
cookery *see* Cooking processes
processing
economics 338.47+
technology 664.68
Leavenworth Co. Kan. *area* –781 38
Leaves (absences)
employee *see* Employment conditions
student *see* School attendance
Leaves (plants)
anatomy
gen. wks. 581.497
see also spec. plants
physiology *see spec. functions*
see also spec. aspects
Lebanon (country) *area* –569 2
Lebanon Co. Pa. *area* –748 19
Lecce Italy *area* –457 53
Lecithoproteins *see* Proteins
Lecture
method
teaching
gen. wks. †371.396
Sunday schools 268.632
see also spec. levels of ed.
see also Speeches
Lectures *see* Speeches
Lecythidaceae *see* Myrtales
Ledger
papers *see* Paper products

Lee Co.
Ala. *area* –761 55
Ark. *area* –767 89
Fla. *area* –759 48
Ga. *area* –758 94
Ill. *area* –773 36
Ia. *area* –777 99
Ky. *area* –769 185
Miss. *area* –762 935
N.C. *area* –756 355
S.C. *area* –757 67
Tex. *area* –764 247
Va. *area* –755 735
Lecchee nuts *see* Litchi nuts
Leeches
medicine *see* Historic remedies
organisms *see* Hirudinea
Leeching *see* Historic remedies
Leeds Co. Ont. *area* –713 73
Leeks *see* Alliaceous plants
Leelanau Co. Mich. *area* –774 635
Leeward Isls. West Indies ***area* –729 7**
Leflore Co. Miss. *area* –762 46
Le Flore Co. Okla. *area* –766 79
Legal
aid *see* Legal counseling
counseling
mil. service *see* Special services
welfare services 362.58
ethics *see* Occupational ethics
remedies *see* Judicial system
science *see* Law
tender *see* Money
Legation
buildings *see* Government buildings
Legendre's
functions *see* Harmonics
Legends *see* Mythology
Legislation
law 340.5
pol. sci. **328**
Legislative
bodies
law 340.5
pol. sci. **328.3**
buildings *see* Government buildings
Legislative (continued)
immunity *see* Political immunity
Legislatures *see* Legislative bodies
Legumes
agriculture
economics **338.17+**
technology
field crops **633.3**
garden crops **635.65**
fodder
gen. wks. 636.086
see also spec. animals
food 641.35+
marketing 658.809+
processing *see spec. products*
see also Leguminosae
Leguminosae
botany 583.32
floriculture 635.933+
Lehigh Co. Pa. *area* –748 27
Leicester Eng. *area* –425 4
Leinster Ireland ***area* –418**
Leipzig Germany *area* –432 1
Leiria Portugal *area* –469 4
Leishmaniasis *see* Protozoan infections
Leisure *see* Recreational activities
Leitneriaceae *see* Leitneriales
Leitneriales
botany 583.972
floriculture 635.933+
Leitrim Ireland *area* –417 1
Leix Ireland *see* Laoighis
Lemhi Co. Ida. *area* –796 78
Lemmings *see* Myomorphs
Lemnaceae *see* Arales
Lemnos Greece
ancient *area* –391 1
modern *area* –499
Lemons
agriculture
economics 338.17+
technology **634.334**
food 641.34+
marketing 658.809+
processing *see spec. products*
see also Rutales
Lemuria *see* Imaginary places
Lemuriformes *see* Prosimii

Lemurs
conservation 639.97+
culture 636.9+
experimental med.
animals 636.089+
man 619.98
hunting
industries 639.11+
sports 799.27+
see also Prosimii
Lenawee Co. Mich. *area* –774 31
Leningrad RSFSR *area* –474 5
Lennoaceae *see* Ericales
Lennox & Addington Co. Ont. *area* –713 59
Lenoir Co. N.C. *area* –756 385
Leno-weave
fabrics *see* Openwork fabrics
Lens
culinaris *see* Lentils
Lenses
manufacture
economics 338.47+
technology 681.42
marketing 658.809+
optometry *see* Optometry
photography *see* Cameras
physics **535.3–.5**
see also spec. applications
Lent
customs 394.2
folklore 398.33
religion *see* Liturgical year
Lenten
cookery *see* Special-purpose cookery
music *see* Penitential music
Lentibulariaceae *see* Personales
Lentils
agriculture
economics 338.17+
technology **635.658**
food 641.35+
marketing 658.809+
processing *see spec. products*
see also Leguminosae
Leon, Spain ***area* –462**
Leon Co.
Fla. *area* –759 88
Leon Co. (continued)
Tex. *area* –764 233
Leopards *see* Cats
Lepidodendrales *see* Lycopsida
Lepidoptera
paleozoology 565.78
zoology **595.78**
Lepidosauria
paleozoology 568.11
zoology **598.11**
Lepisosteidae
paleozoology 567.4
zoology 597.47
Lepospondyli
gen. wks. 567.6
see also *s.s.*–015+
Leprechauns *see* Supernatural beings
Leprosariums
management 658.91+
services 362.19+
Leprosy *see* Hansen's disease
Leptospirosis *see* Zoogenous diseases
Leptostraca
culture 639.5
paleozoology 565.36
zoology 595.36
Lérida Spain *area* –467 4
Lesbos Greece
ancient *area* –391 2
modern *area* –499
Leslie Co. Ky. *area* –769 15
Lespedeza *see* Bush clovers
Lesser Sunda Isls. *area* –923
Le Sueur Co. Minn. *area* –776 55
Letcher Co. Ky. *area* –769 16
Lethopedions *see* Fetal abnormalities
Letter
writing
etiquette 395.4
see also Letters
Lettering
decorative arts 745.61
study & teaching
elementary ed. †372.6
see also ***s.s.*–07**
technical drawing 744.43
Letterpress
printing *see* Relief printing

Letters
communications *see* Communication systems
literature
collections
gen. wks. **808.86**
see also Biographies
criticism **809.6**
rhetoric **808.6**
see also spec. lit.
see also Collected writings
Letters of credit *see* Credit instruments
Letters of marque *see* Sea warfare
Lettish *see* Latvian
Lettuce
agriculture
economics 338.17+
technology **635.52**
food 641.35+
marketing 658.809+
processing *see spec. products*
see also Asterales
Leucite
mineralogy 549.68
see also Igneous rocks
Leucocytes
histology *see* Histology
Leucocytoses *see* Blood diseases
Leucopenia *see* Blood diseases
Leucoplasts *see* Cytology
Leucorrhea
animals
vet. sci. 636.089+
zoology 599.02
see also spec. animals
man 618.173
Leucotrichia *see* Scalp disorders
Leukas Greece *area* –495 5
Leukemias *see* Blood diseases
Levees *see* Flood control
Leveling
geodetic surveying **526.36–.38**
see also spec. applications
Levers *see* Simple machines
Levis Co. Que. *area* –714 59
Levisa Fork Ky.
gen. wks. ***area* –769 2**
Levisa (continued)
see also other areas
Leviticus (O.T.) *see* Pentateuch
Levulose *see* Sugars
Levy Co. Fla. *area* –759 77
Lewis
& Clark Co. Mont. *area* –786 6
Co.
Ida. *area* –796 84
Ky. *area* –769 295
Mo. *area* –778 345
N.Y. *area* –747 59
Tenn. *area* –768 43
Wash. *area* –797 82
W.Va. *area* –754 61
with Harris (isl.) Scotland *area* –411 6
Lewisham London *area* –421 6
Lexicography
gen. wks. 413.028
see also spec. languages
Lexington Co. S.C. *area* –757 73
Leyte Philippine Isls. *area* –914 5
Liability
insurance
gen. wks. **368.5**
see also Financial institutions
Lianas *see* Mesophytes
Liaoning China *area* –518 2
Libel *see* Offenses
Liberal
Catholic Church *see* Schismatic churches
Party *see* Political parties
Liberalism
philosophy 148
pol. sci. 320.51
religion
gen. wks. 211.4
see also spec. rel.
Liberality *see* Philanthropy
Liberia *area* –666
Liberty Co.
Fla. *area* –759 92
Ga. *area* –758 733
Mont. *area* –786 13
Tex. *area* –764 155
Liberty
political *see* Civil rights

Liberty (continued)
  religious *see* Religious freedom
Libido *see* Subconscious
Libraries
  gen. wks. **026–027**
  services
    gen. wks. **024–025**
    military *see* Special services
  see also spec. functions
Library
  areas *see* Cultural areas
  buildings
    architecture **727.8**
    construction
      economics **338.47+**
      technology **690.7+**
    description **022**
    interior decoration **747.8+**
  services *see* Libraries
  science **020**
Librations *see spec. celestial bodies*
Librettos
  gen. wks. 781.96
  see also spec. kinds
Libya
  ancient ***area* –397**
  modern ***area* –†612**
Libyan Desert
  gen. wks. *area* –†612
  see also other areas
Libyan-Berber *see* Berber
Lice
  agricultural pests 632.7+
  culture 638.57+
  disease carriers *see* Disease carriers
  see also Anoplura
Licenses
  govt. control
    gen. wks. 350.8
    see also spec. levels of govt.
  requirements
    med. sci.
      gen. wks. 614.2
      vet. sci. 636.089+
    see also other spec. professions
  revenue *see* Taxation
Licensure *see* Licenses
Lichenes
  botany 589.1
  paleobotany 561.9
Lichenins *see* Polysaccharides
Lichens *see* Lichenes
Licking
  Co. O. *area* –771 54
  River Ky.
    gen. wks. ***area* –769 3**
    see also other areas
Lie
  detection
    crime detection †364.127 9
    psychology 152.4
Lie algebras *see* Universal algebra
Liechtenstein *area* –436 48
Liége Belgium *area* –493 4
Lieutenants *see* Personnel
Life
  biology
    gen. wks. **577**
    see also spec. aspects
  cycle
    folklore
      hist. & criticism 398.354
      legends 398.2
    physiology
      animals **591.1**
      man **612.6**
    soc. customs **392**
  imprisonment *see* Punishments
  insurance
    gen. wks. **368.32**
    see also Financial institutions
  models *see* Human figure
  philosophy **110–120**
  preservers *see* Nautical equipment
  religion *see spec. rel.*
Life after death *see* Future life
Lifeboats
  gen. wks. *see* Hand-propelled craft
  nautical equipment *see* Nautical equipment
Lifesaving
  services *see* Safety measures

Life-support systems *see* Logistics
Lift
  bridges *see* Movable bridges
Lifting-machinery *see* Materials-handling equipment
Lifting-rams *see* Rams (hydraulics)
Lifts *see* Elevators (lifts)
Ligaments
  anatomy
    animals
      vet. sci. 636.089+
      zoology 596.047
    man 611.72
  diseases
    animals
      vet. sci. 636.089+
      zoology 596.02
    man
      medicine 616.72
      pediatrics 618.92+
      surgery 617.472
      see also Orthopedic surgery
  physiology
    animals
      vet. sci. 636.089+
      zoology 596.018
    man 612.75
Light (radiation)
  biophysics *see* Biophysics
  engineering
    economics **338.47+**
    technology **621.32**
  meters *see* Photometers
  terrestrial
    gen. wks. 525.2
    meteorology 551.527 2
  therapy *see* Phototherapies
  see also Optics
Light (weight)
  metals
    chemistry *see spec. metals*
    geology
      gen. wks. †553.492
      mineralogy *see spec. minerals*
Light (weight) (continued)
  industries
    metallurgy
      economics **338.47+**
      technology **669.72**
    manufacturing
      economics **338.47+**
      technology **673.72**
    mining
      economics 338.27+
      technology 622.349+
  metallography *see* Light (weight) metals properties
  mineralogy *see spec. minerals*
  mining *see* Light (weight) metals industries
  products *see spec. subj.*
  properties
    chemistry *see spec. metals*
    engineering *see spec. metals*
    metallography **669.957+**
    see also Radiochemistry
Lighters
  ships *see* Small craft
Lighter-than-air
  aircraft
    architecture 725.99
    construction
      economics **338.47+**
      technology
        gen. wks. **629.133 2**
        military 623.741
    see also Transportation
Lighthouse
  tenders *see* Government vessels
Lighthouses
  architecture 725.34
  installation 627.922
  navigation aids 623.894+
  see also Safety measures
Lighting
  equipment
    ind. management 658.24
    manufacture *see spec. items*
  systems *see* Illumination

Lightning
arresters *see* Control devices
meteorology *see* Atmospheric electricity
Lightning-resistant
construction *see* Resistant construction
Lightships
architecture 725.99
construction 690.5+
gen. wks. *see* Government vessels
installation 627.923
navigation aids 623.894+
Lignin
botany
gen. wks. 581.8+
see also spec. plants
manufacture
economics 338.47+
technology 676.5
see also spec. applications
Lignin-derived
plastics *see* Natural-resin plastics
Lignite *see* Coals
Lignocellulose *see* Lignin
Lignum vitae *see* Geraniales
Liguria Italy
ancient *area* –371
modern ***area* –451 8**
Lilacs *see* Loganiales
Lilaeaceae *see* Juncaginales
Liliaceae *see* Liliales
Liliales
botany 584.32
floriculture 635.934+
Lilies *see* Liliales
Lilies of the valley *see* Liliales
Lima Peru *area* –852
Lima
beans
agriculture
economics 338.17+
technology **635.653**
food 641.35+
marketing 658.809+
processing *see spec. products*
see also Leguminosae
Limbers *see* Gun mounts
Limbo
folklore
hist. & criticism 398.4
legends 398.2
religion
Christian 236.6–.7
gen. wks. 291.23
see also other spec. rel.
Limburg
Belgium *area* –493 2
Netherlands *area* –492 4
Lime
mortars *see* Cementing materials
Limerick Ireland *area* –419 4
Limericks *see* Poetry
Limes (cementing materials) *see* Cementing materials
Limes (fruit)
agriculture
economics 338.17+
technology **634.337**
food 641.34+
marketing 658.809+
processing *see spec. products*
see also Rutales
Limes (soil conditioners) *see* Soil conditioners
Limestone Co.
Ala. *area* –761 98
Tex. *area* –764 285
Limestone
construction *see* Limestone industries
geology
deposits 553.51
petrology 552.5
see also spec. minerals
industries
construction
economics 338.47+
technology 693.1
extractive
economics 338.27+
technology 622.35+
mining *see* Limestone industries
petrology *see* Limestone geology

Limestone (continued)
properties
construction 691.2
engineering 620.132
quarrying *see* Limestone industries
see also Sedimentary rocks
Limicolae *see* Charadriiformes
Limited
editions
gen. wks. 094
library treatment 025.171
publishing 655.573
monarchies *see* Constitutional monarchies
partnerships *see* Partnerships
war *see* Strategy
Limited-price
stores *see* Retail marketing
Limnanthaceae *see* Geraniales
Limnetic
biology *see* Hydrographic biology
Limnology *see* Hydrographic biology
Limonite
mineralogy 549.53
see also Iron geology
Limousin France *area* –446 6
Limpets *see* Sacoglossa
Limpkins *see* Cranes (birds)
Linaceae *see* Geraniales
Linares Chile *area* –833
Lincoln
Co.
Ark. *area* –767 82
Colo. *area* –788 89
Eng. *area* –425 3
Ga. *area* –758 165
Ida. *area* –796 34
Kan. *area* –781 53
Ky. *area* –769 625
Me. *area* –741 57
Minn. *area* –776 365
Miss. *area* –762 53
Mo. *area* –778 37
Mont. *area* –786 81
Neb. *area* –782 82
Nev. *area* –793 14
N.M. *area* –789 64
Lincoln
Co. (continued)
N.C. *area* –756 78
Okla. *area* –766 35
Ont. *area* –713 51
Ore. *area* –795 33
S.D. *area* –783 39
Tenn. *area* –768 62
Wash. *area* –797 35
W.Va. *area* –754 43
Wis. *area* –775 27
Wyo. *area* –787 82
Par. La. *area* –763 91
Linden
trees
culture 635.977+
forestry 634.972 7
see also Tiliales
Line Isls. *area* –964
Line
breeding *see* Genetics
engraving *see* Metal engraving
engravings *see* Prints
geometry
gen. wks. **516.6**
see also ***s.s.*–015+**
organization *see* Hierarchy
Line-&-staff
organization *see* Hierarchy
Linear
algebras
gen. wks. 512.897
see also *s.s.*–015+
equations *see* Equations
groups *see* Groups
programing *see* Operations research
Linen
dyeing & printing
home econ. 640
technology **667.3**
manufacture
economics **338.47+**
technology **677.1**
materials
construction 691.9
engineering 620.197
table decor *see* Table decor
see also spec. applications
Liners (ships) *see* Merchant ships

Lines
cordage *see* Cordage
electric *see* Power lines
Lingerie *see* Garments
Lingual
regions
geography **910.091+**
history **909.09+**
subj. treatment *area* **–175**
see also spec. regions
Linguatula
culture †639.73+
paleozoology 563.992
zoology 593.992
Linguistics
gen. wks. **410**
see also spec. languages
Liniments *see* External medicinals
Linin
network *see* Cytology
Link
couplings *see* Couplings (mechanical)
power transmission *see* Flexible connections
Linn Co.
Ia. *area* –777 62
Kan. *area* –781 69
Mo. *area* –778 24
Ore. *area* –795 35
Linnaeite
mineralogy 549.32
see also Cobalt geology
Linoleum
laying *see* Floor covering
Linoleum-block
printing *see* Relief printing
prints *see* Prints
Linoleums
interior decoration
art 747.4
home economics 645.1
manufacture
economics 338.47+
technology 677.69
marketing 658.809+
Linopteris
gen. wks. 561.597
see also *s.s.*–015+
Linseed
oil *see* Fixed oils
Linum *see* Flax
Lions *see* Cats
Lipases *see* Enzymes
Lipetsk RSFSR *area* –473 5
Lipid
metabolism *see* Metabolism
synthesis
plants
gen. wks. 581.133 46
see also *s.s.*–015+
Lipoid
pneumonia *see* Respiratory diseases
Lipolytic
enzymes *see* Enzymes
Lipoproteins *see* Proteins
Lippe Germany *area* –†435 5
Lips *see* Mouth
Lipscomb Co. Tex. *area* –764 816
Lipsticks *see* Cosmetics
Liqueurs *see* Spirits (alcoholic)
Liquidation
accounting *see* Financial accounting
Liquidations *see* Financial administration
Liquids
engineering
gen. wks. **621.2**
see also spec. branches
physics
gen. wks. 530.42
mechanics **532.1**
sound transmission 534.23
see also other spec. branches
Liquor
traffic
govt. control
gen. wks. 350.761
see also spec. levels of govt.
police services 363.4+
see also Addictions
Liquors
alcoholic *see* Spirits (alcoholic)
solutions *see* Solutions
Lisboa Portugal *area* –469 4
L'Islet Co. Que. *area* –714 74
Lissocarpaceae *see* Styracales

Litanies
music
gen. wks. **783.26**
see also spec. mediums
religion *see* Prayers
Litchfield Co. Conn. *area* –746 1
Litchi nuts
agriculture
economics 338.17+
technology 634.57
food 641.34+
marketing 658.809+
processing *see spec. products*
see also Sapindales
Literary
composition *see* Rhetoric
criticism
gen. wks. **809**
see also spec. lit.
games *see* Puzzles
Literature
gen. wks. **800**
study & teaching
elementary ed. 372.8
see also *s.s.*–07
Lithium
compounds
chemistry **546.381**
manufacture 661.038+
pharmacology
gen. wks. 615.2+
veterinary 636.089+
geology
gen. wks. **553.6**
mineralogy *see spec. minerals*
industries
extractive
metallurgy 669.725
mining 622.36+
manufacturing
economics 338.47+
technology 673.725
metallography *see* Lithium properties
mineralogy *see* Lithium geology
mining *see* Lithium industries
products *see spec. subj.*
Lithium (continued)
properties
chemistry **546.381**
engineering 620.189 6
metallography 669.957+
see also Radiochemistry
Lithographs *see* Prints
Lithography *see* Planographic processes
Lithology *see* Petrology
Lithosphere *see* Physical geology
Lithozincographs *see* Prints
Lithozincography *see* Planographic processes
Lithuania *area* –†475
Lithuanian
ethnic groups *area* –174+
language **491.92**
lingual groups *area* –175+
see also other spec. subj.
Litopterna *see* Protungulata
Little
Colorado River Ariz.
gen. wks. *area* –791 33
see also other areas
Kanawha River W.Va. *area* –754 2
Missouri River
gen. wks. *area* **–784 8**
see also other areas
River Co. Ark. *area* –767 55
Russia *see* Ukraine
Sioux River
gen. wks. *area* **–777 1**
see also other areas
Little
Church of France *see* Schismatic churches
Littoral
rights *see* Coasts
Liturgical
music
gen. wks. **783.2**
see also spec. mediums
symbolism *see* Symbolism
year
religion
Christian
gen. wks. 263.91–.97
liturgy **264**
prayers **242.3**

Liturgical
year
religion
Christian (continued)
sermons 252.61–.67
gen. wks. 291.36
see also other spec. rel.
see also Holy days
Liturgies *see* Public worship
Live Oak Co. Tex. *area* –764 447
Live
loads *see* Loads
Liver
extracts *see* Endocrine drugs
organ *see* Biliary tract
Liverworts *see* Hepaticae
Livestock
husbandry
economics **338.17+**
technology **636**
liability
insurance *see* Liability insurance
loans *see* Credit
Living
conditions
mil. sci.
gen. wks. **355.12**
see also spec. services
sociology 301.3
costs *see* Cost of living
matter *see* Life
organisms *see* Biology
rooms *see* Rooms
Livingston
Co.
Ill. *area* –773 61
Ky. *area* –769 895
Mich. *area* –774 36
Mo. *area* –778 22
N.Y. *area* –747 85
Par. La. *area* –763 14
Livonia USSR *area* –474 1
Livonian *see* Finnic
Livorno Italy *area* –455 6
Lizards
culture †639.39+
hunting
industries †639.14+
sports 799.279+
see also Lacertilia
Lizard's tails *see* Piperales

Llama
woolens *see* Specialty textiles
Llamas
culture 636.296
see also Tylopoda
Llano Co. Tex. *area* –764 62
Llano Estacado
gen. wks. ***area* –764 81**
N.M. ***area* –789 3**
Llanquihue Chile *area* –835
Loaches
culture 639.37+
fishing
industries 639.27+
sports 799.17+
see also Ostariophysi
Loads
engineering
materials **620.112**
structures 624.172
see also spec. kinds
transportation *see* Transportation services
Loan
institutions *see* Financial institutions
services
libraries 025.6
museums 069
Loans *see* Credit
Loasaceae *see* Loasales
Loasales
botany 583.453
floriculture 635.933+
Lobachevskian
geometry
gen. wks. 513.84
see also *s.s.*–015+
Lobar
pneumonia *see* Respiratory diseases
Lobbying *see* Pressure groups
Lobe-finned
fishes *see* Crossopterygii
Lobeliaceae *see* Campanales
Lobelias *see* Campanales

Loblolly bay
trees
culture 635.977+
forestry 634.973+
see also Theales
Lobsters
fisheries
economics 338.37+
technology 639.54+
food *see* Seafood
marketing 658.809+
see also Macrura
Lobworms *see* Polychaeta
Local
church *see* Parishes
governments
administration **352**
pol. sci. **320**
see also other spec. aspects
heating *see* Heating systems
parks *see* Recreational land
planning *see* Planning
Location
surveys *see* Surveying
Lock
chambers *see* Penstocks
Lockjaw *see* Bacillary intoxications
Lockouts
labor *see* Union-management disputes
sociology *see* Group behavior
Locks
hydraulic *see* Penstocks
mechanical *see* Locksmithing
Locksmithing
economics **338.47+**
technology **683.3**
see also spec. applications
Lockup (printing)
economics 338.47+
technology 655.27
Lockups *see* Prisons
Locomotion
biology
animals 591.18
gen. wks. 574.18
plants 581.18

Locomotion
biology (continued)
see also spec. organisms
cells *see* Cytology
med. sci.
animals
gen. wks. 636.089+
see also spec. animals
man 612.76
psychology
animals †156.2+
gen. wks. †152.382
Locomotive
cranes *see* Trains
shovels *see* Trains
Locomotives
engineering **625.26**
mining *see* Materials-handling equipment
see also Transportation services
Locoweed
agricultural pests 632.58
see also Leguminosae
Locris Greece *area* –383
Locust
trees
culture 635.977+
forestry 634.973+
see also Leguminosae
Locusts *see* Grasshoppers
Lodge
songs *see* Fraternal songs
Lodging
gen. *see* Public accommodations
military *see* Quarters
Lodginghouses *see* Public accommodations
Lodz Poland *area* –†438 4
Lofting *see* Hull construction
Logan Co.
Ark. *area* –767 37
Colo. *area* –788 75
Ill. *area* –773 57
Kan. *area* –781 135
Ky. *area* –769 76
Neb. *area* –782 795
N.D. *area* –784 56
O. *area* –771 46
Okla. *area* –766 33
W.Va. *area* –754 44

Loganberries
agriculture
economics 338.17+
technology 634.714
food 641.34+
marketing 658.809+
processing *see spec. products*
see also Rosales
Loganiaceae *see* Loganiales
Loganiales
botany 583.74
floriculture 635.933+
Logarithms *see* Involution
Logging (trees)
economics 338.17+
technology 634.982
Logic *see* Reasoning
Logical
positivism *see* Positivism
Logistics
astronautics
gen. wks. 629.477–.478
military 623.749
mil. sci.
gen. wks. 355.41
see also spec. services
see also hist. of spec. wars
Logos
Christian rel. 232.2
philosophy 111.8
Logroño Spain *area* –463 54
Logs
forest products 634.983
see also spec. trees
Loire France
dept. *area* –445 81
river
gen. wks. *area* –445
see also other areas
Loire-Atlantique France *area* –441 4
Loire-Inférieure France *see* Loire-Atlantique
Loiret France *area* –445 2
Loir-et-Cher France *area* –445 3
Loja Ecuador *area* –866 2
Lolium *see* Pooideae
Lolland Denmark *area* –489 3
Lombardy Italy *area* –452
London Eng. *area* –421
Londonderry Ireland *area* –416 2
Long
Co. Ga. *area* –758 76
Isl. N.Y. *area* –747 21
Longevity
biology
animals 591.13
gen. wks. 574.13
plants 581.139
see also spec. organisms
med. sci.
animals
gen. wks. 636.089+
see also spec. animals
man *see* Gerontology
Longford Ireland *area* –418 1
Longitude *see* Coordinates
Long-run
sales *see* Sales management
Long-wave
electronics *see* Circuit electronics
systems *see* Telecommunication
Lonoke Co. Ark. *area* –767 78
Lookout Mt. (SE U.S.)
Ala. *area* –761 6
gen. wks. *area* –768 82
Ga. *area* –758 34
Looms
manufacture
economics 338.47+
technology 681.7
textile equipment
crafts 746
technology 677.028 54
Loons
conservation 639.97+
culture 636.6
hunting
industries 639.12+
sports 799.248+
see also Gaviiformes
Loosestrifes *see* Lythrales
Lopseeds *see* Lamiales
Loquats
agriculture
economics 338.17+
technology 634.16
food 641.34+
marketing 658.809+
processing *see spec. products*
see also Rosales

Lorain Co. O. *area* –771 23
Loran
engineering
economics 338.47+
technology 621.384 191
navigation
aircraft 629.132 51+
ships 623.893 2
Loranthaceae *see* Santalales
Lord Howe Isl.
Australia *area* –948
Lord's
Day *see* Holy days
Prayer
applications
liturgical *see* Scripture readings
personal 242.722
N.T.
gen. wks. 226.9
see also Pseudepigrapha
Supper *see* Sacraments
Lorcto Peru *area* –854
Lories *see* Parrots
Loris *see* Lemurs
Lorisiformes *see* Prosimii
Lorraine France *area* –443 8
Los Alamos Co. N.M. *area* –789 58
Los Angeles Co. Calif. *area* –794 93
Los Rios Ecuador *area* –866 3
Lost River Range Ida.
gen. wks. *area* –796 72
see also other areas
Lost-wax
process *see* Casting
Lot France *area* –447 3
Lotbinière Co. Que. *area* –714 58
Lot-et-Garonne France *area* –447 6
Lothians Scotland *area* –414 4
Lotions *see* Cosmetics
Lots (Feast of) *see* Holy days
Lotteries
advertising *see* Contest advertising
games *see* Gambling
investments *see* Interest lotteries
revenue *see* Nontax revenues
Lotto
cards *see* Recreational equipment
game *see* Counter games
Lotus *see* Trefoils
Loudon Co. Tenn. *area* –768 86
Loudoun Co. Va. *area* –755 28
Louisa Co.
Ia. *area* –777 926
Va. *area* –755 465
Louisiade Archipelago *area* –953
Louisiana *area* –763
Lounge
cars *see* Trains
Lounging
garments *see* Garments
Loup
Co. Neb. *area* –782 767
River Neb.
gen. wks. *area* –782 4
see also other areas
Louse
flies
agricultural pests 632.7+
culture 638.57+
see also Cyclorrhapha
Louth Ireland *area* –418 25
Louvers *see* Blinds
Love Co. Okla. *area* –766 59
Love
psychology *see* Emotions
sexual *see* Courtship
Loving Co. Tex. *area* –764 912
Loving
cups *see* Containers
Low Archipelago *see* Tuamotu Isls.
Low
German *see* Germanic
temperatures *see* Cryogenics
Lowboys *see* Furniture
Low-calorie
foods *see* Special-purpose cookery
Low-cost
housing *see* Slums redevelopment
Lower
Austria *area* –436 1
Bavaria Germany *area* –433 5
California *see* Baja California

Lower (continued)
Franconia Germany *area* –433 3
Saxony Germany *area* –435
Lower
Carboniferous period *see* Paleozoic era
Pre-Cambrian period *see* Pre-Cambrian eras
Silurian period *see* Paleozoic era
Lowest
common
multiple *see* Factoring
Lowiaceae *see* Zingiberales
Lowndes Co.
Ala. *area* –761 465
Ga. *area* –758 864
Miss. *area* –762 97
Low-pressure
gas tubes *see* Electronic tubes
Low-temperature
therapy *see* Thermotherapies
Low-velocity
projectiles
manufacture
economics **338.47+**
technology **623.451 1**
mil. sci.
gen. wks. 355.82
see also spec. mil. forces
Loyalty Isls. *area* –933
Loyalty
employee *see* Employer-employee relationships
ethics 179.9
military
gen. wks. 355.12
see also spec. branches
social 301.152 2
Lozère France *area* –448 15
Lubbock Co. Tex. *area* –764 847
Lübeck Germany *area* –†435 1
Lublin Poland *area* –†438 4
Lubricants
gen. *see* Fixed oils
petroleum *see* Petroleum products
Lubrication
engineering
economics 338.47+
technology
gen. wks. 621.89
see also spec. branches
see also spec. applications
Lucania Italy *area* –377
Lucas Co.
Ia. *area* –777 86
O. *area* –771 12
Lucca Italy *area* –455 3
Luce Co. Mich. *area* –774 925
Lucernariidea *see* Scyphozoa
Lucerne Switzerland *area* –494 5
Luchu *see* Ryukyu Isls.
Lucifer *see* Demonology
Lucrative
capital *see* Finance
Ludo *see* Dice games
Luebeck *see* Lübeck
Luggage
manufacture
economics 338.47+
technology 685.51
marketing 658.809+
see also spec. applications
Lugo Spain *area* –461 3
Lugworms *see* Polychaeta
Luke (N.T.) *see* Gospels
Lullabies *see* Folk songs
Lumbago *see* Muscles
Lumbar
nerves
anatomy *see* Neuroanatomy
diseases *see* Neurological diseases
physiology *see* Neurophysiology
Lumber
industries
logging *see* Logging (trees)
processing
economics **338.47+**
technology **674.1–.5**
products *see spec. products*
see also Woods (substance)
Lumbering *see* Logging (trees)

Lumberyards
storage
management 658.785
technology 674.32
see also Lumber
Luminescence
crystallography 548.9
mineralogy 549.125
physics 535.35
see also spec. materials
Luminous
paints *see* Special-purpose paints
Luminous-tube
lighting *see* Electric lighting
Lumpkin Co. Ga. *area* –758 273
Luna Co. N.M. *area* –789 68
Lunar
astronomy *see* Moon
flights *see* Space (extraterrestrial) flights
probes *see* Space (extraterrestrial) flights
tides *see* Tides
Lunch
counter
meals *see* Lunchroom meals
counters *see* Public accommodations
programs *see* Hygiene
Luncheons *see* Meals
Lunchroom
areas *see* Restaurant areas
buildings *see* Restaurant buildings
cookery *see* Quantity cookery
meals
cookery *see* Quantity cookery
service 642.57
Lunchrooms
public *see* Public accommodations
school equipment *see* School buildings
Lunenburg Co.
N.S. *area* –716 23
Va. *area* –755 64
Lung
fishes *see* Dipnoi
Lungs
anatomy *see* Respiratory organs
diseases *see* Respiratory diseases
physiology *see* Respiration
Luorawetlin *see* Paleosiberian
Lupines
agriculture
economics 338.17+
technology **633.367**
fodder
gen. wks. 636.086
see also spec. animals
see also Leguminosae
Lupinus *see* Lupines
Lusitania *area* –36
Lutecium *see* Rare-earths
Lutes
manufacture
economics 338.47+
technology 681.81+
music **787.67**
Lutetium *see* Rare-earths
Lutheran
churches
religion **†284.1**
see also Church buildings
Lutheranism *see* Lutheran churches
Luxembourg (grand duchy) *area* –493 5
Luxembourg Belgium *area* –493 4
Luxury
taxes *see* Taxation
Luzerne Co. Pa. *area* –748 32
Luzon Philippine Isls. *area* –914 1
Lycia *area* –392 8
Lycoming Co. Pa. *area* –748 51
Lycopcrdales
botany 589.221
paleobotany 561.92
Lycopersicon
esculentum *see* Tomatoes
Lycopodiales *see* Lycopsida
Lycopods *see* Lycopsida
Lycopsida
botany 587.9
floriculture 635.937+
paleobotany 561.79

Lydia *area* –392 2
Lyginodendraceae *see* Pteridospermae
Lying
ethics 177.3
psychopathology *see* Personality disorders
religion
Christian 241.3
see also other spec. rel.
Lying-in
hospitals *see* Maternity hospitals
Lyman Co. S.D. *area* –783 58
Lymph
disorders *see* Lymphatic disorders
histology *see* Histology
Lymphadenoma
inguinale *see* Venereal diseases
Lymphatic
disorders
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.42**
pediatrics **618.92+**
surgery 617.4
system
anatomy
animals
vet. sci. **636.089+**
zoology 591.44
see also spec. animals
man 611.42
diseases *see* Lymphatic disorders
physiology
animals
vet. sci. 636.089+
zoology 591.14
see also spec. animals
man 612.42
Lymphatitis *see* Lymphatic disorders
Lymphocytes
disorders *see* Lymphatic disorders
histology *see* Histology
Lymphocytic
choriomeningitis
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.925**
pediatrics **618.92+**
public health 614.5
Lymphogranuloma
venereum *see* Venereal diseases
Lymphomatosis *see* Lymphatic disorders
Lynchburg Va. *area* –755 67
Lynches River S.C.
gen. wks. *area* **–757 6**
see also other areas
Lynching
ethics 179.7
see also Offenses
Lynn Canal-Icy Straits election district
Alaska *area* –798 2
Lynn Co. Tex. *area* –764 851
Lynx *see* Cats
Lyon Co.
Ia. *area* –777 11
Kan. *area* –781 62
Ky. *area* –769 81
Minn. *area* –776 36
Nev. *area* –793 58
Lyonnais France *area* **–445 8**
Lyres *see* Harps
Lysophiurida *see* Ophiuroidea
Lythraceae *see* Lythrales
Lythrales
botany 583.44
floriculture 635.933+

M

MATS *see* Air forces
MP *see* Police services
M vitamin *see* Vitamins
Macao *area* –512 6
Macaroni *see* Pastas
Macaws *see* Parrots

Maccabees
Apocrypha **229.7**
liturgy
gen. wks. 264.3–.4
spec. denominations **264.01–.09**
McClain Co. Okla. *area* –766 55
McConaughy Lake Neb.
gen. wks. *area* –782 89
see also other areas
McCone Co. Mont. *area* –786 26
McCook Co. S.D. *area* –783 372
McCormick Co. S.C. *area* –757 36
McCracken Co. Ky. *area* –769 95
McCreary Co. Ky. *area* –769 135
McCulloch Co. Tex. *area* –764 67
McCurtain Co. Okla. *area* –766 64
McDonald Co. Mo. *area* –778 736
McDonough Co. Ill. *area* –773 42
McDowell Co.
N.C. *area* –756 89
W.Va. *area* –754 49
McDuffie Co. Ga. *area* –758 63
Mace *see* Nutmeg
Macedonia
ancient *area* –381
modern *area* –495 6
Macedonian
ethnic groups *area* –174+
language **491.819**
lingual groups *area* –175+
see also other spec. subj.
Macerate Italy *area* –456 73
Mach
number *see* Air flow
McHenry Co.
Ill. *area* –773 22
N.D. *area* –784 62
Machine
composition *see* Machine typesetting
design
engineering
gen. wks. 621.815
see also spec. branches
see also spec. applications
gunners *see* Infantry
guns *see* Small arms
rifles *see* Small arms
sewing *see* Sewing (technique)
Machine (continued)
shops
engineering *see* Machine-shop practice
school equipment *see* School buildings
shorthand
bus. tech. 653.3
see also spec. applications
tools
engineering
economics 338.47+
technology
gen. wks. 621.902
see also spec. branches
see also spec. applications
typesetting
economics **338.47+**
technology **655.28**
Machinery
agriculture *see* Agricultural tools
engineering *see* Tools
insurance *see* Industrial insurance
prod. economics
gen. wks. †338.06
see also spec. industries
Machines *see* Machinery
Machine-shop
practice
agriculture 631.304
engineering
economics 338.47+
technology
gen. wks. 621.75
see also spec. branches
Machining
metals
arts 739.14
technology
gen. wks. 671.35
see also spec. metals
metalwork *see* Machine-shop practice
McIntosh Co.
Ga. *area* –758 737
N.D. *area* –784 55
Okla. *area* –766 74
McKean Co. Pa. *area* –748 63

Mackenzie Can. *area* –712 21
McKenzie Co. N.D. *area* –784 81
Mackerals
culture 639.375+
fishing
industries
economics 338.372+
technology 639.27+
sports 799.17+
food
cookery 641.69+
gen. wks. 641.39+
see also Acanthopterygii
Mackinac (straits) Mich.
gen. wks. *area* **–774 8**
see also other areas
Mackinac Co. Mich. *area* –774 92
McKinley Co. N.M. *area* –789 83
McLean Co.
Ill. *area* –773 59
Ky. *area* –769 826
N.D. *area* –784 75
McLennan Co. Tex. *area* –764 284
McLeod Co. Minn. *area* –776 52
McMinn Co. Tenn. *area* –768 865
McMullen Co. Tex. *area* –764 45
McNairy Co. Tenn. *area* –768 29
Macomb Co. Mich. *area* –774 39
Macon Co.
Ala. *area* –761 49
Ga. *area* –758 51
Ill. *area* –773 58
Mo. *area* –778 27
N.C. *area* –756 98
Tenn. *area* –768 484
Macoupin Co. Ill. *area* –773 83
McPherson Co.
Kan. *area* –781 55
Neb. *area* –782 79
S.D. *area* –783 16
Macro-Khoisan
ethnic groups *area* –174+
languages †496.1
lingual groups *area* –175+
see also other spec. subj.
Macronutrient
elements
biology
animals 591.13
gen. wks. 574.13
plants 581.133 54
see also spec. organisms
Macronutrient
elements (continued)
med. sci.
animals
gen. wks. **636.089+**
see also spec. animals
man **612.392**
Macro-Otomanguean
ethnic groups *area* –174+
languages 497.6
lingual groups *area* –175+
see also other spec. subj.
Macro-Penutian
ethnic groups *area* –174+
languages 497.4
lingual groups *area* –175+
see also other spec. subj.
Macrophotography *see* Photoduplication
Macrosudanic *see* Chari-Nile
Macrura
culture 639.54+
paleozoology 565.38
zoology 595.384 1
Madagascar *area* –691
Madawaska Co. N.B. *area* –715 54
Madder
agriculture
economics 338.17+
technology 633.86
processing *see* Dyes
see also Rubiales
Madeira *area* –469 8
Madera Co. Calif. *area* –794 81
Madhya Bharat India *area* –†543
Madhya Pradesh India *area* –†543
Madison
Co.
Ala. *area* –761 97
Ark. *area* –767 15
Fla. *area* –759 85
Ga. *area* –758 15
Ida. *area* –796 55
Ill. *area* –773 86
Ind. *area* –772 57
Ia. *area* –777 81
Ky. *area* –769 53
Miss. *area* –762 62
Mo. *area* –778 91
Mont. *area* –786 663
Neb. *area* –782 54

Madison
Co. (continued)
N.Y. *area* –747 64
N.C. *area* –756 875
O. *area* –771 55
Tenn. *area* –768 27
Tex. *area* –764 237
Va. *area* –755 38
Par. La. *area* –763 81
Madras India *area* –548 2
Madras
hemp *see* Hemp
textiles *see* Fancy-weave fabrics
Madre de Dios Peru *area* –854
Madreporaria *see* Anthozoa
Madrid Spain *area* –464 1
Madrigals *see* Choral music
Madura *area* –922
Maduresco *see* Austronesian
Mafia *see* Offenses
Magadan Siberia *area* –†577
Magallanes Chile *area* –836
Magazine
advertising *see* Serial advertising
Magazines (publications) *see* Serials
Magazines (storage) *see* Military buildings
Magdalen Isls. Que. *area* –714 797
Magdalen
houses *see* Reformatories
Magdalena Colombia *area* –861 1
Magdeburg Germany *area* –431 8
Magellan (strait)
gen. wks. *area* –836
see also other areas
Maggots *see* Insects
Magi *see* Holy days
Magic
arts
folklore *see* Superstitions
occultism **133.4**
recreation 793.8
religion
gen. wks. 291.33
see also spec. rel.
Magicians
religion
gen. wks. 291.62
see also spec. rel.
Magicians (continued)
see also Magic arts
Magna Carta *see* Constitutional law
Magnesia Creece *area* –495 4
Magnesite
mineralogy 549.782
see also Magnesium geology
Magnesium
alloys
manufacture
economics **338.47+**
technology **673.723**
metallurgy 669.723
properties
chemistry **546.392**
engineering 620.187
metallography 669.957+
aluminum alloys *see* Magnesium alloys
compounds
chemistry **546.392**
manufacture 661.03+
pharmacology
gen. wks. **615.2+**
veterinary **636.089+**
fabrication *see* Magnesium industries
geology
gen. wks. †553.492
mineralogy *see spec. minerals*
industries
extractive
metallurgy 669.723
mining †622.349+
manufacturing
economics **338.47+**
technology **673.723**
metabolism *see* Macronutrient elements
metallography *see* Magnesium properties
mineralogy *see* Magnesium geology
mining *see* Magnesium industries
products *see spec. subj.*

Magnesium (continued)
properties
chemistry **546.392**
engineering 620.187
metallography 669.957+
see also Radiochemistry
Magnetic
compasses
physics 538.3
see also Direction finders
oscillographs *see* Frequency meters
physical exploration *see* Geophysical exploration
properties
crystals 548.85
materials
construction 691
engineering
gen. wks. †620.112 9
see also spec. branches
matter **538.2–.4**
minerals 549.127
see also Magnetochemistry
separation
ores *see* Ore dressing
storms
magnetism 538.744
see also Storms
Magnetism
chemistry *see* Magnetochemistry
physics **538**
Magnetite
mineralogy 549.526
see also Iron geology
Magnetochemistry
gen. wks. 541.378
organic 547.1+
technical 660.29+
Magnetohydrodynamic
rockets *see* Rocket engines
Magnetohydrodynamics
engineering
gen. wks. 621.3
see also spec. applications
physics 538.6
Magnetrons
engineering
gen. wks. 621.381 334
see also spec. branches
physics 537.534 4
Magnolia
trees
culture 635.977+
forestry 634.973+
see also Magnoliales
Magnoliaceae *see* Magnoliales
Magnoliales
botany 583.114
floriculture 635.933+
Magnolias *see* Magnoliales
Magoffin Co. Ky. *area* –769 215
Magpies *see* Jays
Maguey
plants *see* Agave plants
Magyar *see* Finno-Ugric
Mahabharata
literature 891.2
religion 294.592 3
Maharashtra India *area* –547 92
Mahaska Co. Ia. *area* –777 84
Mahayana *see* Buddhism
Mah-jongg
equipment *see* Recreational equipment
game *see* Counter games
Mahnomen Co. Minn. *area* –776 94
Mahogany
trees
culture 635.977+
forestry 634.973+
see also Meliales
Mahomet *see* Prophets
Mahoning Co. O. *area* –771 39
Mahri *area* –†533 5
Mahri-Sokotri *see* South Arabic
Maidenhair
trees *see* Ginkgo trees
Maids *see* Domestic employees
Mail
cars *see* Trains
services *see* Postal communication
Mail-order
catalogs *see* Direct-mail advertising
houses *see* Retail marketing
Maine (state) ***area* –741**

Maine France *area* –441 6
Maine-et-Loire France *area* –441 8
Mains
installation *see* Utility lines
water supply *see* Water supply engineering
Major Co. Okla. *area* –766 29
Majors
military *see* Personnel
Make-up
theatrical
gen. wks. 792.027
see also spec. mediums
see also Cosmetics
Malachi (O.T.) *see* Minor prophets
Malachias (O.T.) *see* Minor prophets
Malachite
mineralogy 549.785
see also Copper geology
Malacostraca *see* Leptostraca
Maladjusted
children *see* Exceptional children
Maladjustments
prod. economics
gen. wks. 338.542
see also spec. industries
psychology *see* Abnormal psychology
Málaga Spain *area* –468 5
Malagasy Republic *see* Madagascar
Malaria *see* Protozoan infections
Malarial
fevers *see* Protozoan infections
Malarial-fever
therapy *see* Thermotherapies
Malatya Turkey *area* –565
Malawi *see* Nyasaland
Malay Archipelago ***area* –91**
Malaya *area* –595 1
Malayalam *see* Dravidian
Malayan *see* Austronesian
Malay-Javanese *see* Austronesian
Malayo-Polynesian *see* Austronesian
Malaysia (archipelago) *see* Malay Archipelago
Malaysia (country) ***area* –595**
Maldive Isls. *area* –†549 5
Maldonado Uruguay *area* –895 1
Male
climacteric *see* Climacteric
figure *see* Human figure
sex organs *see* Reproductive organs
sterility *see* Sterility
Malesherbiaceae *see* Passiflorales
Malfeasance *see* Offenses
Malformations *see* Teratology
Malheur Co. Ore. *area* –795 97
Mali *area* –662
Malignant
cholera *see* Enteric diseases
neoplasms
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.994**
pediatrics **618.929+**
pub. health 614.599 9
plants
agriculture 632
botany 581.22
see also spec. plants
tumors *see* Malignant neoplasms
Malingering *see* Evils
Malleability
materials
construction 691
engineering †620.112 9
see also spec. applications
Malleco Chile *area* –834
Mallet
games
customs 394.3
gen. wks. **796.35**
Mallets
sports *see* Recreational equipment
tools *see* Fastening-machinery
Malleus *see* Middle ear

Mallophaga
  paleozoology 565.75
  zoology 595.751 4
Mallows *see* Malvales
Malmohus Sweden *area* –486
Malnutrition
  diseases *see* Nutritional diseases
  soc. conditions 309
Malpighiaceae *see* Malpighiales
Malpighiales
  botany 583.214
  floriculture 635.933+
Malpractice *see* Quackery
Malta
  ancient *area* –378
  modern *area* –458 5
Malta
  fever *see* Zoogenous diseases
Maltases *see* Enzymes
Malted
  beverages
    alcholic *see* Beers
    nonalcoholic *see* Soft drinks
Maltese
  dogs *see* Miniature dogs
Malthusian
  theory *see* Demography
Maltose *see* Sugars
Malus *see* Apples
Malvaceae *see* Malvales
Malvales
  botany 583.17
  floriculture 635.933+
Mammalia
  paleozoology **569**
  zoology **599**
Mammals
  conservation practices **†639.9**
  hunting
    industries **639.1**
    sports **799.271–.278**
  husbandry **636**
  see also Mammalia
Mammary
  disorders
    animals
      vet. sci. **636.089+**
      zoology 599.02
      see also spec. animals
Mammary
  disorders (continued)
    man
      gen. wks. **616.49**
      gynecology **618.19**
      surgery **617.549**
  glands
    anatomy
      animals
        vet. sci. 636.089+
        zoology 599.044
        see also spec. animals
      man 611.49
    diseases *see* Mammary disorders
    physiology
      animals
        vet. sci. 636.089+
        zoology 599.014
        see also spec. animals
      man 612.664
      see also Lactation
Mammoth Cave Ky. *area* –769 754
Mammoths *see* Proboscidea
Man (isle) Eng. *area* –428 9
Man
  biology *see* Hominidae
  metaphysics **128**
  religious doctrines
    Christian **233**
    gen. wks. 291.22
    see also other spec. rel.
  see also Men
Manabí Ecuador *area* –866 3
Managed
  currency
    economics 332.56
    see also Financial administration
Management *see* Administration
Managerial
  accounting *see* Financial administration
Manasses *see* Prayer of Manasses
Manatee Co. Fla. *area* –759 62
Manatees *see* Sea cows
Manche France *area* –442 1
Manchu *see* Tungusic
Manchuria ***area* –518**

Mandarin *see* Chinese
Mandates *see* Dependent states
Mandolins
  manufacture
    economics 338.47+
    technology 681.81+
  music **787.65**
Maneuvers
  battle *see* Battle maneuvers
  practice *see* Training maneuvers
Mangabeira
  agriculture
    economics 338.17+
    technology 633.895 9
  latex *see* Elastomers
  processing *see spec. products*
  see also Apocynales
Manganese
  boron *see* Copper alloys
  bronze *see* Copper alloys
  compounds
    chemistry **546.541**
    manufacture **661.05+**
    pharmacology
      gen. wks. **615.2+**
      veterinary **636.089+**
  fabrication *see* Manganese industries
  geology
    gen. wks. 553.462
    mineralogy *see spec. minerals*
  industries
    extractive
      metallurgy 669.732
      mining 622.346+
    manufacturing
      economics 338.47+
      technology 673.73+
  metabolism *see* Micronutrient elements
  metallurgy *see* Manganese properties
  mineralogy *see spec. minerals*
  mining *see* Manganese industries
  products *see spec. subj.*
Manganese (continued)
  properties
    chemistry **546.541**
    engineering 620.189 3+
    metallography 669.957+
    see also Radiochemistry
  steel *see* Iron alloys
Manganic *see* Manganese
Manganite
  mineralogy 549.53
  see also Manganese geology
Manganous *see* Manganese
Mangel-wurzel *see* Beets
Mangoes
  agriculture
    economics 338.17+
    technology 634.44
  food 641.34+
  marketing 658.809+
  processing *see spec. products*
  see also Sapindales
Mangosteens
  agriculture
    economics 338.17+
    technology 634.6
  food 641.34+
  marketing 658.809+
  processing *see spec. products*
  see also Guttiferales
Mangrove
  trees
    culture 635.977+
    forestry 634.973+
    see also Myrtales
Manguean *see* Macro-Otomanguean
Manhattan N.Y. *area* –747 1
Manias *see* Psychoses
Manic-depressive psychoses *see* Psychoses
Manicheism *see* Heresies
Manicure
  tools *see* Personal grooming equipment
Manicuring
  customs 391.63
  technology 646.727
Manihiki Isls. *area* –962 4
Manihot *see* Cassava

Manila
hemp
agriculture
economics 338.17+
technology 633.571
textiles
manufacture
economics 338.47+
technology 677.12
see also spec. applications
see also Zingiberales
papers *see* Paper products
Manioc *see* Cassava
Maniple *see* Vestments
Manipur India *area* –541 7
Manisa Turkey *area* –562
Manistee
Co. Mich. *area* –774 62
River Mich. *area* –774 6
Manitoba *area* –712 7
Manitoulin District Ont. *area* –713 135
Manitowoc Co. Wis. *area* –775 67
Man-made
textiles
chemistry 547.85
manufacture
economics 338.47+
technology 677.4
materials
arts 702.8
construction 691.9
engineering 620.197
see also spec. applications
Manners *see* Etiquette
Mannose *see* Sugars
Manometers
engineering
gen. wks. 681.12
liquid-pressure 621.28
see also spec. applications
Manor
houses *see* Residential buildings
Manorial
tenure *see* Private land
Man-o'-war
birds *see* Frigate birds
Manpower
mobilization
gen. wks.
civilians 355.23
Manpower
mobilization
gen. wks. (continued)
military 355.22
see also spec. services
see also hist. of spec. wars
Mansard
roofs *see* Roofs
Mansions *see* Residential buildings
Manslaughter
ethics 179.7
see also Offenses
Mantels *see* Heating-equipment
Mantis
shrimps *see* Stomatopoda
Mantises
agricultural aids 632.96
culture 638.57+
see also Mantodea
Mantodea
paleozoology 565.72
zoology 595.725
Mantova Italy *area* –452 8
Manual
arts
gen. wks. *see* Industrial arts
study & teaching
elementary ed. 372.5
***see also* *s.s.*–07**
occupations
economics
labor 331.76
production 338.63–.64
technology *see spec. subj.*
see also Social classes
training *see* Vocational education
Manufactured
gases *see* Industrial gases
Manufacturers'
agents *see* Wholesale marketing
outlets *see* Retail marketing
Manufactures
economics 338.47+
technology
gen. wks. 670–680
pharmaceuticals *see* Pharmacology

Manure
fertilizers
agriculture
gen. wks. 631.86
see also spec. crops
marketing 658.809+
processing
economics 338.47+
technology 668.63
Manuscripts
Biblical 220.4
gen. wks. 091
illuminated *see* Illuminated books
library treatment 025.171
publishing processes 655.51
Manx *see* Celtic
Map
drawing *see* Technical drawing
projections *see* Cartography
publications
economics 338.47+
technology
printing †655.383
publishing 655.579+
Maple
sirup *see* Maple sugars
sugars
agriculture *see* Sugar maples
food 641.336
marketing 658.809+
processing
economics 338.47+
technology 664.132
trees
culture 635.977+
forestry 634.972 2
see also Sapindales
Maps
gen. wks. *see* Graphic illustrations
library treatment 025.176
Maracas *see* Percussion instruments
Maramures Romania *area* –†498 4
Maranhão Brazil *area* –812
Marantaceae *see* Zingiberales
Maras Turkey *area* –565
Marathi *see* Prakrits
Marathon Co. Wis. *area* –775 29
Marattiales *see* Eusporangiated ferns
Marble
art *see* Sculpture
construction *see* Marble industries
geology
deposits 553.51
petrology 552.3
see also spec. minerals
industries
construction
economics 338.47+
technology 693.1
extractive
economics 338.27+
technology 622.35+
mining *see* Marble industries
petrology *see* Marble geology
properties
construction 691.2
engineering 620.132
quarrying *see* Granite industries
see also Metamorphic rocks
Marbling
woodwork *see* Trims
Marburg Yugoslavia *see* Maribor
Maregraviaceae *see* Theales
March
tactics *see* Logistics
Marchantiaceae *see* Hepaticae
Marche France *area* –446 8
Marches Italy *area* –456 7
Marching
bands *see* Bands
games *see* Child play
Marchionesses *see* Aristocracy
Mardi gras *see* Pageants
Mardin Turkey *area* –566 7
Marengo Co. Ala. *area* –761 39
Mares *see* Horses
Margarines *see* Fats
Margays *see* Cats
Margiana *area* –396
Marginal
land
economics
gen. wks. 333.7
see also Real estate

Marginal
land (continued)
reclamation *see* Land reclamation
utility
gen. wks. 330.162 2
see also spec. applications
Marguerites *see* Asterales
Mari ASSR *area* –478 1
Mari (subject) *see* Finno-Ugric
Marianas Isls. *area* –967
Maribo Denmark *area* –489 3
Maribor Yugoslavia *area* –†497 3
Maricopa Co. Ariz. *area* –791 73
Maries Co. Mo. *area* –778 59
Marigolds *see* Asterales
Marimbas *see* Percussion instruments
Marin Co. Calif. *area* –794 62
Marinas
eng. & construction
economics 338.47+
technology 627.38
see also Boating
Marine
architecture *see* Naval architecture
biology *see* Hydrographic biology
carnivores *see* Pinnipedia
engineering
economics **338.47+**
technology **623.87**
engines *see* Marine engineering
forces
gen. wks. 359.96
see also spec. kinds of warfare
insurance *see* Transportation insurance
law *see* Commercial law
plants *see* Hydrophytes
safety *see* Safety measures
salvage *see* Underwater operations
scenes *see* Seascapes
surveying *see* Hydrographic surveying

Marine (continued)
transport
buildings *see* Transportation buildings
transportation *see* Transportation services
warfare *see* Sea warfare
waters
economics
production 338.27+
resources 333.916
geography
gen. wks. **910.091+**
physical †910.02+
geology
activities 551.36
morphology **551.46–.47**
regional history **909.09+**
regional subj. treatment ***area* –166**
see also spec. places
Marinette Co. Wis. *area* –775 33
Mariology
gen. wks. **†232.91**
see also spec. aspects
Marion (lake) S.C.
gen. wks. *area* –757 81
see also other areas
Marion Co.
Ala. *area* –761 89
Ark. *area* –767 19
Fla. *area* –759 75
Ga. *area* –758 48
Ill. *area* –773 794
Ind. *area* –772 52
Ia. *area* –777 83
Kan. *area* –781 57
Ky. *area* –769 51
Miss. *area* –762 21
Mo. *area* –778 35
O. *area* –771 51
Ore. *area* –795 37
S.C. *area* –757 86
Tenn. *area* –768 79
Tex. *area* –764 193
W.Va. *area* –754 54
Marionette
plays *see* Miniature theater
Marionettes *see* Toys

Mariopteris
gen. wks. 561.597
see also *s.s.*–015+
Mariotype
process *see* Special-process photography
Mariposa Co. Calif. *area* –794 46
Marital
relations *see* Sex relations
Maritime Provinces Can. *area* –715
Maritime
credit *see* Credit
law *see* Commercial law
quarantine *see* Quarantine
surveying *see* Hydrographic surveying
transport *see* Transportation services
warfare *see* Sea warfare
Marjoram
agriculture
economics 338.17+
technology
field crops 633.82
garden crops 635.7
food 641.35+
marketing 658.809+
processing *see spec. products*
see also Labiatae
Mark (N.T.) *see* Gospels
Market
centers
areas *see* Commercial areas
gardening *see* Garden crops
research & analysis
advertising 659.112 7
management
marketing **658.83**
production 658.503 4
surveys *see* Market research & analysis
Marketing
gen. wks. **†380.1**
govt. control
gen. wks. **†350.82**
see also spec. levels of govt.
management **†658.8**
Markets *see* Distribution channels
Marlberries *see* Myrsinales

Marlboro Co. S.C. *area* –757 64
Marlborough N.Z. *area* –931 52
Marlinespike
seamanship *see* Seamanship
Marls
deposits *see* Cementing materials
soil conditioners *see* Soil conditioners
Marmalades *see* Jams
Marmarica *area* –397 6
Marmosets *see* Monkeys
Marne France
dept. *area* –443 2
river ***area* –443**
Marquesas Isls. *area* –963
Marquesses *see* Aristocracy
Marquetry
arch. decoration 729.6
see also Woodcrafts
Marquette Co.
Mich. *area* –774 96
Wis. *area* –775 58
Marquisettes *see* Openwork fabrics
Marriage
counseling *see* Counseling
ethics
philosophy 173
religion
Christian 241
see also other spec. rel.
law 347.6
rites
customs 392.5
etiquette 395.22
religion *see spec. rel.*
see also Sacraments
sociology **301.42**
statistics *see* Demography
see also Sex relations
Married
women *see* Women
Marrow
cells *see* Histology
gen. wks. *see* Bone marrow
Mars (planet)
astronomy
descriptive 523.43
theoretical 521.5
see also *s.s.*–015+

Marsh
  marigolds *see* Ranales
Marshall
  Co.
    Ala. *area* –761 94
    Ill. *area* –773 515
    Ind. *area* –772 88
    Ia. *area* –777 55
    Kan. *area* –781 31
    Ky. *area* –769 91
    Minn. *area* –776 97
    Miss. *area* –762 88
    Okla. *area* –766 61
    S.D. *area* –783 13
    Tenn. *area* –768 585
    W.Va. *area* –754 16
  Isls. *area* –968 3
Marshes
  drainage *see* Drainage
  spec. subj. *area* –14
Marsiliaceae *see* Filicales
Marsupial
  mice *see* Marsupials
Marsupialia
  paleozoology 569.2
  zoology 599.2
Marsupials
  conservation 639.97+
  culture 636.91
  hunting
    industries 639.11+
    sports 799.272+
  see also Marsupialia
Martens *see* Mustelines
Martha's Vineyard Mass. *area* –744 94
Martial
  law 344
  songs *see* National songs
Martin
  Co.
    Fla. *area* –759 31
    Ind. *area* –772 38
    Ky. *area* –769 24
    Minn. *area* –776 23
    N.C. *area* –756 45
    Tex. *area* –764 857
  Lake Ala.
    gen. wks. *area* –761 53
    see also other areas
Martinique West Indies *area* –729 82
Martinsville Va. *area* –755 69
Marxian
  socialism *see* Communist states
Mary
  mother of Jesus *see* Mariology
Maryland *area* **–752**
Masbate Philippine Islands *area* –914 5
Mascarene Isls. Indian Ocean *area* **–698**
Mascots
  customs
    gen. wks. 392.33
    military
      gen. wks. 355.12
      see also spec. branches
  see also Magic arts
Masculinity *see* Sex differences
Masers
  engineering
    economics **338.47+**
    technology
      gen. wks. **621.381 336**
      see also spec. applications
  physics 537.534 4
  see also spec. applications
Mashies *see* Recreational equipment
Mashonaland *area* –†689 1
Maskinongé Co. Que. *area* –714 44
Masks
  music
    gen. wks. 782.9
    see also spec. mediums
  plays *see* Drama
Masochism *see* Sexual disorders
Mason Co.
  Ill. *area* –773 55
  Ky. *area* –769 32
  Mich. *area* –774 61
  Tex. *area* –764 66
  Wash. *area* –797 97
  W.Va. *area* –754 33
Masonic
  songs *see* Fraternal songs

Masonry (construction)
  economics **338.47+**
  technology
    buildings **693.1–.5**
    see also other spec. structures
Masonry (organization) *see* Freemasonry
Masques (plays) *see* Drama
Mass (quantity)
  communication *see* Telecommunication
  cookery *see* Quantity cookery
  demonstration
    groups *see* Behavior-groups
  demonstrations *see* Group behavior
  measurements *see* Metrology
Mass (religion)
  music
    gen. wks. **783.21**
    see also spec. mediums
  service
    gen. wks. 264.3
    spec. denominations **264.01–.09**
Mass (substance)
  mechanics
    gases 533.15
    liquids 532.4
    solids **531.5**
  metaphysics 119
  transfer
    chem. tech. *see* Unit operations
Massa e Carrara Italy *area* –455 4
Massac Co. Ill. *area* –773 997
Massachusetts *area* **–744**
Massage
  hygiene 613
  therapy
    gen. wks. **615.82**
    see also spec. diseases
  see also Slenderizing-salons
Massif Central France *area* **–445 9**
Massing *see* Composition
Mass-production
  methods *see* Operational management
Mass-spectrographic
  methods *see* Mass-spectroscopy
Mass-spectroscopy
  chemistry
    gen. wks. 545.33
    organic 547.35+
  physics *see* Spectroscopy
Mastiffs *see* Working dogs
Mastigophora
  culture †639.73+
  paleozoology 563.1
  zoology 593.1
Mastitis *see* Mammary disorders
Mastodons *see* Proboscidea
Mastoid
  processes
    diseases
      animals
        vet. sci. **636.089+**
        zoology 591.2
        see also spec. animals
      man **617.87**
    see also Middle ear
Mastoiditis *see* Mastoid processes
Masts *see* Nautical equipment
Masturbation *see* Sexual disorders
Masurium *see* Technetium
Matabeleland *area* –†689 1
Matagalpan *see* Miskito-Matagalpan
Matagorda Co. Tex. *area* –764 13
Matane Co. Que. *area* –714 775
Matapédia Co. Que. *area* –714 775
Match
  covers
    advertising *see* Specialty advertisements
    art *see* Commercial art
Matches
  manufacture
    economics 338.47+
    technology 662.5
  marketing 658.809+
  see also spec. applications
Maté
  agriculture
    economics **338.17+**
    technology **633.77**

Maté (continued)
food 641.337+
marketing 658.809+
processing
economics 338.47+
technology 663.96
tea *see* Herb teas
see also Celastrales
Mate selection *see* Courtship
Matera Italy *area* –457 72
Materia
medica *see* Pharmacology
Materialism
Marxian economics 335.411
philosophy 146.3
Materials
construction **691**
engineering
gen. wks. **620.1**
see also spec. branches
see also spec. subj.
Materials-control
equipment *see* Materials-handling equipment
management **658.7**
see also Supply administration
Materials-handling
equipment
engineering
economics **338.47+**
technology
gen. wks. **621.86**
mines **622.6**
see also other spec. branches
see also spec. applications
Materiel
mil. sci.
gen. wks. **355.8**
tech. forces *see* Technical forces
see also spec. mil. branches
see also spec. kinds of institutions
Maternal
dystocia *see* Dystocia
Maternity
homes
management 658.91+
services †362.83
Maternity (continued)
hospitals
management 658.91+
services 362.15
insurance *see* Health insurance
Mathematical
crystallography
gen. wks. 548.7
see also spec. applications
games *see* Puzzles
geography
gen. wks. **526**
see also spec. applications
logic *see* Reasoning
Mathematics
gen. wks. **510**
study & teaching
elementary ed. **372.7**
see also ***s.s.*–07**
see also *s.s.*–015+
Mathews Co. Va. *area* –755 31
Matins *see* Divine Office
Mato Grosso Brazil *area* –817
Matrices
algebra 512.896
physics
gen. wks. 530.122
see also spec. branches
see also *s.s.*–015+
Matriculation
gen. wks. 371.21
see also spec. levels of ed.
Matrimonial
rites *see* Marriage rites
Matrimony *see* Sacraments
Matrix
analysis *see* Matrices
mechanics
gen. wks. 530.122
see also spec. applications
Matter
metaphysics 117
science **500**
Matthew (N.T.) *see* Gospels
Matting
crafts 746.41
industry
economics 338.47+
technology 677.54
Matzevah *see* Funeral rites
Maui Co. Hawaii ***area* –969 2**

Maule Chile *area* –833
Maumee River
gen. wks. ***area* –771 1**
see also other areas
Maundy
Thursday *see* Holy days
Maurepas (lake) La.
gen. wks. *area* –763 32
see also other areas
Mauretania *area* –397 1
Mauritania *area* –661
Mauritius Indian Ocean *area* –698 2
Maury
Co. Tenn. *area* –768 59
Mts. Ore.
gen. wks. *area* –795 83
see also other areas
Mausoleums *see* Tombs
Maverick Co. Tex. *area* –764 435
Maxims *see* Proverbs (gen.)
Maxwell's
equations *see* Electromagnetic theories
formulas *see* Thermodynamics
May
Day *see* Holidays
Maya *see* Macro-Penutian
Mayacaceae
botany 584.37
floriculture 635.934+
Mayacas *see* Mayacaceae
Mayas *see* Amerindians
Maydeae *see* Panicoideae
Mayenne France *area* –441 6
Mayes Co. Okla. *area* –766 93
Mayflies
culture 638.57+
see also Ephemeroptera
Mayflower
Descendants *see* Hereditary societies
Mayo Ireland *area* –417 3
Mayonnaise *see* Salad dressings
Mayors *see* Chief executives
Maypole
dance *see* Dancing
Maypops *see* Passion fruit
Mazanderan Iran *area* –552
Mazdaism *see* Zoroastrianism
Mazurka *see* Dancing
Meade Co.
Kan. *area* –781 75
Ky. *area* –769 85
S.D. *area* –783 44
Meadow beauties *see* Myrtales
Meagher Co. Mont. *area* –786 612
Meal
service *see* Meals
Meals
cookery 641.52–.54
customs *see* Eating-customs
service
management **658.91+**
technology **642**
Mealybugs
agricultural pests 632.7+
culture 638.57+
see also Polyphaga
Meander Reservoir O.
gen. wks. *area* –771 38
see also other areas
Measles
convalescent serum *see* Serums
disease *see* Eruptive fevers
Measurement
standards *see* Metrology
Measurements
engineering
chemical **660.284**
electrical **621.37**
see also other spec. branches
physics *see spec. branches*
see also other spec. subj.
Measures *see* Metrology
Measuring
instruments *see* Gages
Meat
pies *see* Entrees
tenderizers *see* Food salts
Meath Ireland *area* –418 2
Meatless
high-protein food *see* Special-purpose cookery
Meats
cookery
domestic animals **641.66**
wild animals **641.69**

Meats (continued)
gen. wks.
domestic animals **641.36**
wild animals **641.39**
preservation
commercial **664.9**
home **641.49**
Mechanical
analysis *see* Instrumental analysis
drawing *see* Technical drawing
energy *see* Energetics
engineering
gen. wks. **621**
see also spec. applications
movements *see* Dynamics
musical instruments
manufacture
economics 338.47+
technology 681.82–.83
music **789.7–.8**
properties
crystals **548.84**
materials
construction **691**
engineering
gen. wks. **620.112**
see also spec. branches
matter **531–533**
see also Physical chemistry
separation
chem. tech. *see* Unit operations
ore dressing 622.75
stokers *see* Boiler furnaces
working *see* Cold-working operations
Mechanics
astronomy *see* Celestial mechanics
engineering *see* Mechanical engineering
meteorology **551.515**
physics **531–533**
Mechanism
biology 577.6
philosophy 146.6
Mechanisms
engineering
gen. wks. **621.81**
see also spec. branches
see also spec. applications
Mechanized
cavalry
gen. wks. **357.5**
see also spec. kinds of warfare
Mechanotherapy
animals
gen. wks. 636.089+
see also spec. animals
man 615.822
see also spec. diseases
Mecklenburg, Germany *area* –†431 7
Mecklenburg Co.
N.C. *area* –756 76
Va. *area* –755 645
Mecoptera
paleozoology 565.74
zoology 595.744
Mecosta Co. Mich. *area* –774 52
Medal
of Honor Legion *see* Military societies
Medallions *see* Medals
Medals
awards
mil. personnel
gen. wks. 355.134
see also spec. mil. branches
see also *s.s.*–079
numismatics 737.2
Mediastinum
anatomy *see* Respiratory organs
diseases *see* Respiratory diseases
physiology *see* Respiration
Mediation *see* Conciliation practices
Mediatized
states *see* Dependent states
Medicago
sativa *see* Alfalfas

Medical
bacteriology
animals
gen. wks. **636.089+**
see also spec. animals
man **616.014**
see also Bacterial diseases
botany *see* Medicinal plants
care
institutions *see* Hospitals
insurance *see* Health insurance
centers
areas
planning
civic art 711.555
sociology 301.34
see also spec. areas
management 658.91+
services 362.12
charities *see* Medical social work
chemistry *see* Pharmaceutical chemistry
entomology *see* Ectoparasitic diseases
ethics *see* Occupational ethics
folklore *see* Folk medicine
geography
animals
gen. wks. **636.089+**
see also spec. animals
man **614.42**
see also spec. diseases
gymnastics
gen. wks. 615.824
see also spec. diseases
helminthology *see* Worm infestations
installations *see* Health buildings
jurisprudence *see* Forensic medicine
microbiology
animals
gen. wks. **636.089+**
see also spec. animals
man **616.01**
see also spec. diseases
Medical (continued)
mycology
animals
gen. wks. 636.089+
see also spec. animals
man 616.015
see also Fungus diseases
parasitology *see* Parasitic diseases
practice
animals
gen. wks. **636.089+**
see also spec. animals
man **616**
see also spec. branches of medicine
protozoology
animals
gen. wks. 636.089+
see also spec. animals
man 616.016
see also Protozoan infections
sciences
animals **636.089**
man **610**
services
gen. wks. **362**
mil. sci. *see* Special services
social work
gen. wks. **362.1**
see also spec. services
superstitions *see* Historic remedies
testimony *see* Forensic medicine
virology
animals
gen. wks. **636.089+**
see also spec. animals
man **616.019**
see also Viral diseases
Medicare *see* Social security insurance
Medication
methods
med. sci. **615.6**
vet. sci.
gen. wks. **636.089+**
see also spec. animals
see also spec. diseases

Medicinal
barks *see* Barks
plants
agriculture
economics 338.17+
technology 633.88
botany
gen. wks. 581.634
see also spec. plants
pharmacology *see* Botanical drugs
solutions
pharmacology *see* Pharmacology
prac. pharmacy
med. sci. 615.42
vet. sci.
gen. wks. 636.089+
see also spec. animals
tablets
pharmacology *see* Pharmacology
prac. pharmacy
med. sci. 615.43
vet. sci.
gen. wks. 636.089+
see also spec. animals
Medicinals *see* Pharmacology
Medicine Bow Range Wyo.
gen. wks. *area* –787 86
see also other areas
Medicine *see* Medical practice
Medicine-shows *see* Traveling shows
Medieval
medicine *see* Historic remedies
world
civilization 901.9+
history 940–990
Medina Co.
O. *area* –771 35
Tex. *area* –764 42
Meditation
psychology *see* Thought processes
religion
Christian †248.3
gen. wks. 291.43
see also other spec. rel.
Meditations
religion
Christian †242
gen. wks. 291.43
see also other spec. rel.
see also other spec. subj.
Mediterranean
region
geography 910.091+
history 909.09+
subj. treatment *area* –†182 2
see also spec. areas
Sea *see* Atlantic Ocean
Mediterranean
fever *see* Zoogenous diseases
Medium
research
marketing *see* Market research & analysis
Medlar
agriculture
economics 338.17+
technology 634.15
food 641.34+
marketing 658.809+
processing *see spec. products*
see also Rosales
Medulla
oblongata *see* Brain
Medullosaceae *see* Pteriodospermae
Medusagynaceae *see* Theales
Medusas *see* Hydrozoa
Meeker Co. Minn. *area* –776 49
Meekness *see* Virtues
Meetings *see* Organizations
Megachiroptera *see* Chiroptera
Megalopoles *see* Communities
Megaloptera
paleozoology 565.74
zoology 595.742
Megalopteris
gen. wks. 561.597
see also *s.s.*–015+
Megantic Co. Que. *area* –714 575
Megaris Greece *area* –384
Meigs Co.
O. *area* –771 99
Tenn. *area* –768 836
Melamines *see* Polymerization plastics

Melanconiales *see* Deuteromycetes
Melanesia *area* –93
Melanesian *see* Austronesian
Melastomaceae *see* Myrtales
Meliaceae *see* Meliales
Meliales
botany 583.25
floriculture 635.933+
Melianthaceae *see* Sapindales
Melibiose *see* Sugars
Melilotus *see* Sweet clovers
Meliorism
philosophy 149.5
see also spec. philosophers
Mellette Co. S.D. *area* –783 63
Mellophones *see* Horns (musical instruments)
Melodeons *see* Reed organs
Melodrama *see* Drama
Melody *see* Composition
Melons
agriculture
economics 338.17+
technology 635.61
food 641.35+
marketing 658.809+
processing *see spec. products*
see also Cucurbitales
Melopoeia *see* Composition
Melting (transformation) *see* Physical transformations
Melting
metals *see* Foundry practice
products *see spec. products*
Membrane
medication
med. sci. 615.66
vet. sci.
gen. wks. 636.089+
see also spec. animals
see also spec. diseases
Membranophones *see* Percussion instruments
Memel *area* –†475
Memoirs *see* Biographies
Memorial
buildings
architecture 725.94
Memorial
buildings (continued)
construction
economics 338.47+
technology 690.5+
housekeeping 647.96+
Day *see* Holidays
Memorizing
music *see* Musical performance
Memory
aids *see* Mnemonics
games 793.7
processes
education 370.15
psychology †153.12
Men
psychology †155.6
sociology †301.411
see also other spec. aspects
Menadione *see* Vitamins
Menard Co.
Ill. *area* –773 555
Tex. *area* –764 877
Mende *see* Niger-Congo
Mendelevium *see* Rare-earths
Mending
books 025.7
clothes 646.2
Mendocino Co. Calif. *area* –794 15
Mendoza Argentina *area* –826
Menifee Co. Ky. *area* –769 58
Meninges
brain *see* Brain
histology *see* Histology
spinal cord *see* Spinal cord
Meningiomas *see* Neurological diseases
Menispermaceae *see* Berberidales
Mennonites
religion
gen. wks. 289.7
see also Church buildings
see also Social classes
Men-of-war *see* Historic ships
Menominee Co. Mich. *area* –774 95
Menopause *see* Climacteric
Menorrhagia *see* Menstruation disorders
Men's
clothing *see* Garments

Menstruation
disorders **618.172**
physiology 612.662
Mensuration
arithmetic *see* Business arithmetic
weights & measures *see* Metrology
Mental
deficiency
med. sci.
gen. wks. **616.858 8**
pediatrics **618.928+**
see also Mental hygiene
psychology
gen. wks. **†157.8**
pedology †155.45+
welfare services 362.3
see also Exceptional children
diseases
medicine *see* Psychiatry
psychology *see* Abnormal psychology
health *see* Mental hygiene
hospitals
management 658.91+
services 362.21
hygiene
gen. wks. **†614.58**
hospital services **362.2**
illness
medicine *see* Psychiatry
psychology *see* Abnormal psychology
institution buildings *see* Health buildings
physiology *see* Physiological psychology
retardation *see* Mental deficiency
tests
education **371.26**
psychology **†153.93**
therapies
gen. wks. **615.851**
see also spec. diseases
Mentally
deficient
children *see* Exceptional children
Mentally
deficient (continued)
people
med. treatment *see spec. diseases*
welfare services 362.3
ill
children *see* Exceptional children
people
med. treatment *see* Psychiatry
welfare work *see* Psychiatric social work
Menticide *see* Brainwashing
Menus *see* Meals
Mercantile
buildings *see* Commercial buildings
credit *see* Credit
law *see* Commercial law
rules *see* Business arithmetic
Mercantilism *see* Economic systems
Mercaptans *see* Sulfur compounds
Merced Co. Calif. *area* –794 58
Mercer Co.
Ill. *area* –773 395
Ky. *area* –769 485
Mo. *area* –778 21
N.J. *area* –749 65
N.D. *area* –784 83
O. *area* –771 415
Pa. *area* –748 95
W.Va. *area* –754 74
Merchant
marine *see* Transportation services
middlemen *see* Wholesale marketing
ships
engineering
economics **338.47+**
technology **623.824**
see also Transportation services
Mercuric *see* Mercury (metal) compounds
Mecurous *see* Mercury (metal) compounds

Mercury (metal)
alloys
manufacture
economics **338.47+**
technology **673.71**
metallurgy 669.71
properties
chemistry **546.663**
engineering 620.189 1
metallography 669.957+
compounds
chemistry **546.663**
manufacture 661.06+
pharmacology
gen. wks. **615.2+**
veterinary **636.089+**
see also Organic chemistry
fabrication *see* Mercury (metal) industries
geology
gen. wks. 553.454
mineralogy
element 549.23
minerals *see spec. minerals*
industries
extractive
metallurgy 669.71
mining 622.345+
manufacturing
economics **338.47+**
technology **673.71**
metallography *see* Mercury (metal) properties
mineralogy *see* Mercury (metal) geology
mining *see* Mercury (metal) industries
products *see spec. subj.*
properties
chemistry **546.663**
engineering 620.189 1
metallography 669.957+
Mercury (planet)
astronomy
descriptive 523.41
theoretical 521.5
see also *s.s.*–015+
Mercury-vapor
lighting *see* Electric lighting
Mercy (quality) *see* Virtues
Mercy
killing *see* Euthanasia
Mergansers *see* Ducks
Mergers *see* Combinations
Mérida Venezuela *area* –871
Meridional
instruments
astronomy 522.3
manufacture
economics 338.47+
technology 681.2
see also spec. applications
Merioneth Wales *area* –429 25
Meriwether Co. Ga. *area* –758 455
Mermaids *see* Imaginary animals
Meropes *see* Coraciiformes
Merostomata *see* Chelicerata
Merrick Co. Neb. *area* –782 42
Merrimack Co. N.H. *area* –742 7
Merycism *see* Gastric disorders
Mesa Co. Colo. *area* –788 17
Mesabi Range Minn.
gen. wks. *area* –776 77
see also other areas
Mescal *see* Spirits (alcoholic)
Mesentery *see* Peritoneum
Meshed
fabrics *see* Chain-stitch fabrics
Mesic
adaptation *see* Ecology
Mesichthyes
paleozoology 567.5
zoology 597.53
Mesmerism *see* Hypnotism
Mesoenatides *see* Gruiformes
Mesogastropoda *see* Prosobranchia
Mesolithic
Age *see* Stone Age
Mesons *see* Subatomic particles
Mesopause *see* Upper atmosphere
Mesophytes
biology
ecology 581.526 4
gen. wks. 581.9+
culture 635.967 6
see also spec. plants
Mesoplacophora *see* Crepipoda

Mesopotamia
(Argentina) *area* –822
Mesopotamia (Middle East)
ancient *area* –35
modern *area* –567
Mesosphere *see* Upper atmosphere
Mesosuchia *see* Crocodilia
Mesozoic
era
geology **551.76–.77**
paleontology 560.176
Mespilus *see* Medlar
Mesquite *see* Leguminosae
Messenia Greece
ancient *area* –389
modern *area* –495 2
Messiahs
gen. wks. †291.63
see also spec. rel.
Messianic
prophecies *see* Divination
Psalms *see* Psalms
Messina Sicily *area* –458 11
Meta Colombia *area* –861 5
Metabolic
diseases
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.39**
pediatrics **618.92+**
drugs *see* Endocrine drugs
Metabolism
biology
animals 591.13
gen. wks. 574.13
plants **581.13**
see also spec. organisms
cells *see* Cytology
diseases *see* Metabolic diseases
med. sci.
animals
gen. wks. **636.089+**
see also spec. animals
man **612.39**
Metacanthocephala *see* Acanthocephala
Metachlamydeae
botany **583.5**
floriculture **635.933+**
Metagenesis *see* Reproduction
Metageometry *see* Non-Euclidean geometries
Metal
engraving
arts **765**
industry
economics 338.47+
technology 655.318
engravings *see* Prints
relief engraving *see* Relief (surface) printing
spraying *see* Surface finishing
Metalcrafts
arts 745.56
industry
economics **338.47+**
technology **671–673**
Metalizing
surfaces *see* Surface finishing
Metallic
compounds
chemistry
inorganic **546.32–.34**
organic 547.05
manufacture
inorganic **661.03**
organic 661.895
pharmacology
gen. wks.
inorganic **615.2+**
organic **615.3**
veterinary **636.089+**
see also spec. products
fuels *see* Fissionable materials
textiles *see* Mineral textiles
tractors
medicine *see* Quackery
vehicles *see* Tractors
Metallography
gen. wks. **669.95**
see also spec. applications
Metalloids *see* Metals

Metallurgical
furnaces
manufacture 681.7
metallurgy **669.8**
industries *see* Metallurgy
Metallurgy
economics **338.47+**
technology **669**
see also spec. applications
Metals
chemistry **546.3**
geology
gen. wks. **553.1**
mineralogy 549.23–.25
industries
extractive
metallurgy
economics **338.47+**
technology **669**
mining
economics **338.27+**
technology **622.34**
manufacturing
economics **338.47+**
technology **671**
metallography *see* Metals properties
mineralogy *see* Metals geology
mining *see* Metals industries
products *see spec. subj.*
properties
chemistry **546.3**
engineering 620.16
metallography 669.95
see also Radiochemistry
Metalwork
arts *see* Art metalwork
industrial *see* Metals industries
Metalworking
machinery *see* Machine tools
Metamorphic
rocks
gen. wks. 552.4
see also spec. aspects
Metaphase
stage *see* Cytology
Metaphosphates
chemistry *see* Phosphorus compounds
Metaphosphates (continued)
fertilizers *see* Phosphorus fertilizers
Metaphysics **110–120**
Metaplasmic
bodies *see* Cytology
Metaproteins *see* Proteins
Metatarsus *see* Bones
Metazoa
culture **†639.73**
paleozoology **563**
zoology **593**
Metcalfe Co. Ky. *area* –769 69
Meteorites
astronomy 523.51
petrology 552
Meteorology
science **551.5**
see also spec. applications
Meteors
astronomy
descriptive **523.5**
theoretical 521
petrology 552
see also **s.s.–015+**
Meter
rhythm *see* Composition
Meters
engineering
electrical **621.37**
water supply 628.177
see also other spec. branches
manufacture
economics **338.47+**
technology **681**
see also spec. applications
Methane
gas *see* Natural gas
series *see* Aliphatic compounds
Methodist
churches
religion **287**
see also Church buildings
Methodology
gen. wks. **001.42**
philosophy 112
see also **s.s.–018**

Methods
analysis
gen. wks. *see* Operations research
production *see* Operational management
Metric
system *see* Metrology
Metritis
gen. *see* Gynecology
puerperal
animals
vet. sci. **636.089+**
zoology 599.02
see also spec. animals
man **618.73**
Metrology
gen. wks. **389.1**
govt. control
gen. wks. 350.821
see also spec. levels of govt.
science 502
see also spec. applications
Metronomes *see* Timepieces
Metropolitan
areas *see* Communities
governments *see* Local governments
Meurthe-et-Moselle France *area* –443 82
Meuse
dept. France *area* –443 81
river
gen. wks. *area* –493 4
see also other areas
Mexican
hairless
dogs *see* Miniature dogs
Mexico (country) ***area* –72**
Mexico (gulf) *see* Atlantic Ocean
Mezzotinting
arts 766.2
industry 655.318
Mezzotints *see* Prints
Miami
Co.
Ind. *area* –772 84
Kan. *area* –781 68
O. *area* –771 48
Miami (continued)
River O.
gen. wks. ***area* –771 7**
see also other areas
Micah (O.T.) *see* Minor prophets
Micas
geology
gen. wks. 553.67
mineralogy 549.67
mineralogy *see* Micas geology
synthetic *see* Synthetic minerals
see also Refractory materials
Mice *see* Myomorphs
Micheas (O.T.) *see* Minor prophets
Michigan (lake)
gen. wks. ***area* –774**
see also other areas
Michigan (state) ***area* –774**
Michoacán Mexico *area* –723
Microbiology
gen. wks. **576**
industrial *see* Industrial microbiology
medical *see* Medical microbiology
soils *see* Soil microbiology
see also ***s.s.*–015+**
Microcards *see* Microreproductions
Microcephalism *see* Mental deficiency
Microchemical
analysis
chemistry
qualitative
gen. wks. **544.83**
organic **547.34+**
quantitative
gen. wks. **†545.84+**
organic **†547.35+**
see also ***s.s.*–015+**
Microchemistry *see* Microchemical analysis
Microchiroptera *see* Chiroptera
Microcircuits *see* Printed circuits

Microclimatology
physical geology †551.66
see also *s.s.*–015+
Micrococcaceae *see* Eubacteriales
Microelements
chemical *see* Micronutrient elements
electronic *see* Printed circuits
Microfilms *see* Microreproductions
Micrographic
analysis *see* Microscopical analysis
Micrometers
astronomy 522.53
manufacture
economics 338.47+
technology 681.2
see also spec. applications
Microminiaturization *see* Miniaturization
Micronesia *area* –965
Micronesian *see* Austronesian
Micronutrient
elements
biology
animals 591.13
gen. wks. 574.13
plants 581.133 56
see also spec. organisms
med. sci.
animals
gen. wks. 636.089+
see also spec. animals
man 612.392 4
Microorganisms
gen. wks. *see* Microbiology
pathogenic *see* Pathogenic microorganisms
Micropaleozoology
gen. wks. **563**
see also ***s.s.*–015+**
Microphones
engineering
gen. wks. 621.381
see also spec. branches
see also spec. applications
Microphotography
gen. wks. 778.315
see also Duplication
Microprints *see* Microreproductions
Microreproductions
business records 651.58
communication ‡001.552 3
library treatment 025.179
production *see* Microphotography
Microscopes
biology **578.1**
manufacture
economics **338.47+**
technology **681.413**
marketing **658.809+**
physics 535.33
see also spec. applications
Microscopic
anatomy *see* Histology
books *see* Miniature editions
Microscopical
analysis
biology **578.4**
chemistry
gen. wks. 544.82
organic 547.34+
metallography *see* Metallography
Microscopy
biology **578.4**
see also Microscopical analysis
Microtomes *see* Slide preparation
Microtomy *see* Slide preparation
Microwave
circuit theory *see* Electromagnetic theories
electronics *see* Microwaves
Microwaves
engineering
economics **338.47+**
technology
gen. wks. **621.381 3**
see also Radar
physics 537.534 4
Micturition *see* Excretion
Middens *see* Unsewered structures

Middle
America *area* –72
Atlantic states U.S. *area* –74
Congo *see* Congo (Brazzaville)
East
ancient *area* –39
modern *area* –56
Franconia Germany *area* –433 2
West U.S. *area* –77
Middle
Ages
church hist. 270.2–.5
gen. hist. 940.1
ear
anatomy
animals
vet. sci. 636.089+
zoology 591.48
see also spec. animals
man 611.85
diseases
animals
vet. sci. 636.089+
zoology 591.2
see also spec. animals
man 617.84
physiology
animals
vet. sci. 636.089+
zoology 591.18
see also spec. animals
man 612.854
English *see* Dialectology
Low
German *see* Germanic
management
business 658.43
military
gen. wks. 355
see also spec. branches
Middle-aged
people
labor economics 331.394
psychology †155.6
sociology
gen. wks. 301.434
welfare services 362
Middlemen *see* Wholesale marketing
Middlesex Co.
Conn. *area* –746 6
Eng. *area* –421 9
Mass. *area* –744 4
N.J. *area* –749 41
Ont. *area* –713 25
Va. *area* –755 33
Midges
agricultural pests 632.7+
culture 638.57+
see also Orthorrhapha
Midgets *see* Dwarfs
Midirons *see* Recreational equipment
Midland Co.
Mich. *area* –774 48
Tex. *area* –764 86
Midlands Eng. *area* –424
Midlothian Scotland *area* –414 45
Midrash
literature 809.935+
religion 296.14
Midway Isl. *area* –969 9
Mie Japan *area* –521 8
Mifflin Co. Pa. *area* –748 46
Mignonettes *see* Violales
Migration
biology
animals 591.52
gen. wks. 574.52
plants 581.522 6
see also spec. organisms
people *see* Population movement
Migratory
groups
labor economics 331.67
sociology 301.443–.444
welfare services †362.85
workers *see* Seasonal workers
Mikkeli Finland *area* –471 5
Milam Co. Tex. *area* –764 288
Milano Italy *area* –452 1
Milch
animals *see* Dairy animals
Mildews
diseases *see* Fungus diseases
organisms *see* Ascomycetes
Military
academies *see* Secondary schools

Military (continued)
buildings
architecture 725.18
construction 690.5+
mil. sci.
gen. wks. 355.71–.75
technical forces *see* Technical forces
see also spec. mil. branches
see also Fortifications
cookery *see* Institutional cookery
engineering
economics 338.47+
technology 623.1–.7
ethics *see* Occupational ethics
life
gen. wks. 355.1
see also spec. mil. branches
occupation
international law 341.32
mil. sci. 355.4
see also hist. of spec. countries
Order of Foreign Wars *see* Military societies
police *see* Police services
science 355–359
societies
gen. wks. 369.1–.2
see also spec. activities
trials *see* Judicial system
Milk River Mont. *area* –786 11
Milk
cartons *see* Converted paper products
drinks *see* Soft drinks
food
cookery 641.67+
gen. wks. 641.37+
preservation *see* Milk industry
see also Dairy products
industry
economics 338.17+
technology 637.1
programs *see* Hygiene
see also Mammary glands
Milk-bars *see* Public accommodations
Milkweeds
agricultural pests 632.58
see also Apocynales
Milky Way *see* Cosmology
Mill
buildings *see* Industrial buildings
Millard Co. Utah *area* –792 45
Mille Lacs Co. Minn. *area* –776 68
Millefiorni *see* Mosaic glass
Millennium
Christian religion 236.3
gen. wks. 291.23
see also other spec. rel.
Milleporina *see* Hydrozoa
Miller Co.
Ark. *area* –767 56
Ga. *area* –758 964
Mo. *area* –778 56
Millerite
mineralogy 549.32
see also Nickel geology
Millets
agriculture
economics 338.17+
technology
forage crops 633.25+
grain crops 633.171
fodder
gen. wks. 636.086
see also spec. crops
food
cookery 641.63+
gen. wks. 641.331+
processing
economics 338.47+
technology 664.725
see also Panicoideae
Milliammeters *see* Current measurements
Millinery *see* Garments
Milling
grains
economics 338.47+
technology 664.72
ores *see* Ore dressing
Milling-machinery
engineering
economics 338.47+

Milling-machinery
engineering (continued)
technology
gen. wks. **621.91**
see also spec. branches
see also spec. applications
Millipedes
agricultural pests 632.6+
culture 639.7
see also Diplopoda
Mills Co.
Ia. *area* –777 74
Tex. *area* –764 512
Milo *see* Sorghums
Milton Co. Ga. *area* –758 23
Milwaukee Co. Wis. *area* –775 94
Mimicry
biology *see* Ecology
performing arts *see* Pantomimes
Mimidae
paleozoology 568.8
zoology 598.84
Mimosa
trees
culture 635.977+
forestry 634.973+
see also Leguminosae
Mimosaceae *see* Leguminosae
Mimosas *see* Leguminosae
Minarets
architecture 726.2
construction 690.6+
religion *see* Sacred places
Minas Gerais Brazil *area* –815
Mind
metaphysics 128.2
see also Psychology
Mind reading *see* Extrasensory perception
Mindanao Philippine Isls. *area* –914 7
Mindoro Philippine Isls. *area* –914 3
Mine
laying *see* Demolition (operations)
surveys
economics 338.27+
technology
gen. wks. 622.14
see also spec. ores
Mine (continued)
timbers *see* Sawmill products
warfare *see* Siege warfare
Minean *see* South Arabic
Minecraft *see* Government vessels
Minelayers *see* Government vessels
Miner Co. S.D. *area* –783 34
Mineral Co.
Colo. *area* –788 38
Mont. *area* –786 84
Nev. *area* –793 51
W.Va. *area* –754 94
Mineral
drugs
pharmacology
med. sci. **615.2**
vet. sci.
gen. wks. **636.089+**
see also spec. animals
see also spec. diseases
toxicology
med. sci. **615.92**
vet. sci.
gen. wks. **636.089+**
see also spec. animals
fertilizers
agriculture
gen. wks. **631.83–.85**
see also spec. crops
geology
gen. wks. 553.64
mineralogy *see spec. minerals*
manufacture
economics **338.47+**
technology **668.62**
marketing **658.809+**
quarrying
economics 338.27+
technology 622.36+
fodders
gen. wks. 636.087 7
see also spec. animals
industries
economics **338.2**
see also spec. industries
land *see* Mineral resources

Mineral (continued)
metabolism
biology
animals 591.13
gen. wks. 574.13
plants **581.133 5**
see also spec. organisms
med. sci.
animals
gen. wks. **636.089+**
see also spec. animals
man **612.392**
oil
petroleum *see* Petroleum oils
pitch *see* Mineral waxes
oils
chemistry 547.82–.83
industries
extractive
economics 338.27+
technology 622.33+
manufacturing
economics 338.47+
technology 665.4
see also Petroleum oils
pharmacology
gen. wks. 615.3+
veterinary
gen. wks. **636.089+**
see also spec. animals
resources
economics 333.8
geology **553**
soils *see* Soils
surveys
geology **553**
mining
economics 338.27+
technology
gen. wks. 622.13
see also spec. ores
textiles
dyeing & printing
home econ. 640
technology **667.3**
manufacture
economics 338.47+
technology 677.51–.53
marketing 658.809+
Mineral
textiles (continued)
materials
construction 691.9
engineering 620.197
see also spec. applications
veins
econ. geol. 553.19
structural geol. 551.88
see also spec. ores
waxes
industries
extractive
economics 338.27+
technology 622.33+
manufacturing
economics 338.47+
technology 665.4
see also Petroleum products
pharmacology
gen. wks. **615.3**
veterinary
gen. wks. **636.089+**
see also spec. animals
properties
chemistry 547.82–.83
construction 691.96
engineering 620.196
wool *see* Insulating materials
Mineralized
beverages *see* Soft drinks
waters
extraction
economics 338.27+
technology 622.37+
geology 553.72–.73
treatment
economics **338.47+**
technology
chem. tech. **661.3–.6**
water-supply eng. **628.167**
see also Soft drinks
Mineralogy
gen. wks. **549**
see also ***s.s.–015+***
Minerals
folklore
hist. & criticism 398.365
legends 398.2

Minerals (continued)
geology
deposits **553**
mineralogy **549**
nutrition *see* Nutrition practices
Miners
military *see* Demolition (operations)
mining *see* Mining
Mines
military *see* Low-velocity projectiles
ores *see* Mining
Minesweepers *see* Government vessels
Minesweeping *see* Defense operations
Mingo Co. W.Va. *area* –754 48
Mingrelian *see* Caucasian
Minho Portugal *area* –469 12
Miniature
dogs
culture 636.76
use *see spec. purposes*
see also Canidae
editions
book rarities 099
library treatment 025.171
gardens
floriculture 635.967
landscape design 712
golf *see* Mallet games
painting *see* Painting arts
paintings *see* Paintings
theater
plays *see* Drama
programs
ethics 175.2
production
gen. wks. **791.5**
management **658.91+**
trees *see* Trees
Miniaturization
electronics
economics **338.47+**
technology **621.381 7**
see also Models
Miniaturized
trees *see* House plants
Minicoy Isls. India *area* –†548 1
Minidoka Co. Ida. *area* –796 33
Mining
engineering **622**
see also Primary industries
Mining-troops *see* Demolition (operations)
Ministerial
authority
government *see* Executive departments
religion
Christian 262.8
gen. wks. 291.65
see also other spec. rel.
Ministers (religion) *see* Clergy
Ministries *see* Executive departments
Ministry (religion) *see* Clergy
Ministry
buildings *see* Government buildings
Minks *see* Mustelines
Minnehaha Co. S.D. *area* –783 37
Minnesota (state) *area* **–776**
Minnesota River
gen. wks. *area* **–776 3**
see also other areas
Minoan
Linear A *see* Canaanite-Phoenician
Linear B *see* Classical languages
Minor
arts
gen. wks. **745–749**
see also spec. art forms
planets
astronomy
descriptive 523.44
theoretical 521.5
see also *s.s.*–015+
prophets (O.T.)
gen. wks. **224.9**
see also Pseudepigrapha
Minority
groups
labor economics
gen. wks. **331.6**
see also spec. occupations
pol. status **323.1**
sociology **301.45**

Minority
groups (continued)
welfare services 362.84
see also Social classes
Minors *see* Young people
Minstrel
shows *see* Traveling shows
skits *see* Traveling shows
songs *see* Ethnic songs
Mint (plant)
agriculture
economics 338.17+
technology
field crops 633.82
garden crops 635.7
food 641.35+
processing *see spec. products*
see also Labiatae
Minting
economics †332.46
manufacture *see* Coins manufacture
Minuet *see* Dancing
Miocene
epoch *see* Cenozoic era
Miquelon Isl. *area* –718 8
Mirabilite
mineralogy 549.755
see also Mineralized waters
Miracle
plays *see* Drama
Miracles
N.T.
gen. wks. **226.7**
see also Pseudepigrapha
religion
Christian 231.73
see also other spec. rel.
Miraculous *see* Miracles
Mirages
meteorology 551.565
physics 535.4
see also *s.s.*–015+
Miranda Venezuela *area* –873
Mirrors
arts
furniture 749.7
gen. wks. 748.8
manufacture
economics 338.47+
technology 666.19
Miscarriage
animals
vet. sci. 636.089+
zoology 591.2
see also spec. animals
man 618.392
Miscegenation *see* Marriage
Misdemeanors *see* Offenses
Miserere *see* Penitential music
Misfeasance *see* Offenses
Mishnah *see* Talmud
Misiones
Argentina *area* –822
Paraguay *area* –892 1
Miskito-Matagalpan
ethnic groups *area* –174+
languages 497.8
lingual groups *area* –175+
see also other spec. subj.
Missals *see* Scripture readings
Missaukee Co. Mich. *area* –774 66
Misses'
clothing *see* Garments
Missiles
artillery *see* Ammunition
Mission
buildings
architecture 726.9
construction 690.6+
music *see* Evangelistic music
schools
education 377.6
see also Church-supported schools
Missionary
music *see* Evangelistic music
schools *see* Mission schools
societies *see* Missions
Missions
religion
Christian
gen. wks. **266**
parochial *see* Spiritual renewal
gen. wks. 291.7
see also other spec. rel.
Missisquoi Co. Que. *area* –714 62
Mississippi (state) *area* **–762**

Mississippi
Co.
Ark. *area* –767 95
Mo. *area* –778 98
River and Valley
gen. wks. *area* –77
lower *area* –76
see also spec. areas
Mississippian
period *see* Paleozoic era
Missoula Co. Mont. *area* –786 85
Missouri (state) *area* –778
Missouri River
gen. wks. *area* –78
Mo. *area* –778
Mont. *area* –786 1
N.D. *area* –784 7
S.D. *area* –783 3
Mistassini Ter. Que. *area* –714 11
Mistletoe *see* Santalales
Mists
gen. wks. *see* Colloids
meteorology *see* Fogs
products *see spec. products*
Mitchell Co.
Ga. *area* –758 97
Ia. *area* –777 234
Kan. *area* –781 23
N.C.. *area* –756 865
Tex. *area* –764 729
Miter *see* Insignias
Mites
agricultural pests 632.6+
culture 639.7
disease carriers *see* Disease carriers
see also Acari
Mithraism *see* Zoroastrianism
Mitosis *see* Cytology
Mittelland Switzerland *area* –494 5
Mittens *see* Handwear
Mitts *see* Handwear
Mixe *see* Macro-Penutian
Mixed
drinks *see* Spirits (alcoholic)
Mixers
home *see* Household appliances
industrial *see* Process equipment
Mixing-machines *see* Process equipment
Mixtec *see* Macro-Otomanguean
Miyagi Japan *area* –521 1
Miyazaki Japan *area* –522
Mizar *see* Binary stars
Mnemonics
psychology †153.14
see also spec. subj.
Moab (ancient country) *area* –394 6
Moabite *see* Canaanite-Phoenician
Moats
architecture 725.98
construction
economics 338.47+
technology 624.16
Mob
violence *see* Group behavior
Mobile Co. Ala. *area* –761 22
Mobiles
interior decoration 747.9
sculpture 731.55
Mobilization
mil. sci.
gen. wks. **355.2**
see also spec. services
see also hist. of spec. wars
Mobs *see* Behavior groups
Mockingbirds *see* Mimidae
Modeling
art *see* Sculpture
fashion
advertising *see* Display advertising
clothing *see* Costume
Modelmaking *see* Models
Models
manufacture
economics 338.47+
technology 688.1
marketing 658.809+
see also Operations research
Modena Italy *area* –454 2
Modern
geometry *see* Post-Euclidean geometry
physics *see* Corpuscular physics
Modesty *see* Virtues

Modoc Co. Calif. *area* –794 23
Modular
functions *see* Elliptic functions
geometry *see* Line geometry
theory *see* Quantics
Modulation
arts *see* Composition
electronics *see* Circuitry
Modules *see* Printed circuits
Moesia *area* –398
Moffat Co. Colo. *area* –788 12
Mohair *see* Specialty textiles
Mohammed *see* Prophets
Mohammedanism *see* Islam
Mohave Co. Ariz. *area* –791 59
Mohawk River N.Y.
gen. wks. *area* –747 6
see also other areas
Moistureproof
construction *see* Resistant construction
Mojave Desert Calif.
gen. wks. *area* –794 95
see also other areas
Molar
pregnancies *see* Fetal abnormalities
Molasses *see* Sugars
Mold
making *see* Patternmaking
Moldavia
Romania *area* –498 1
USSR *area* –477 5
Molding
metals
arts
metalwork 739.14
sculpture 731.43
technology
gen. wks. 671.25
see also spec. metals
see also other spec. materials
Moldings *see* Trims
Moldlofts *see* Shipyards
Molds
diseases *see* Fungus diseases
organisms *see* Phycomycetes
Molecular
chemistry *see* Molecules
compounds *see* Salts
structure *see* Molecules
Molecules
chemistry **541.22**
physics 539.12
Moles (animals) *see* Insectivores
Moles (skin) *see* Skin disorders
Moleskin *see* Water-repellent fabrics
Molinism *see* Heresies
Molluginaceae *see* Caryophyllales
Mollusca
culture **639.4**
paleozoology **564**
zoology **594**
Molluscoidea
culture **639.7**
paleozoology 564.6
zoology 594.6
Mollusks
fisheries
economics **338.37+**
technology **639.4**
see also Mollusca
Molokai Hawaii *area* –969 24
Molpadonia *see* Holothurioidea
Moluccas *area* –913
Molybdates
chemistry *see* Molybdenum compounds
mineralogy 549.74
see also Molybdenum geology
Molybdenite
mineralogy 549.32
see also Molybdenum geology
Molybdenum
compounds
chemistry **546.534**
manufacture 661.05+
fabrication *see* Molybdenum industries
geology
gen. wks. 553.464
mineralogy *see spec. minerals*

Molybdenum (continued)
  industries
    extractive
      metallurgy 669.734
      mining 622.346+
    manufacturing
      economics 338.47+
      technology 673.73+
  metabolism *see* Micronutrient elements
  metallography *see* Molybdenum properties
  mineralogy *see* Molybdenum geology
  mining *see* Molybdenum industries
  products *see spec. subj.*
  properties
    chemistry **546.534**
    engineering 620.189 3+
    metallography 669.957+
    see also Radiochemistry
  steel *see* Iron alloys
Moment
  distribution *see* Structural analysis
Momentum
  transfer *see* Unit operations
Mon *see* Austroasian
Monaco *area* –449 49
Monagas Venezuela *area* –875
Monaghan Ireland *area* –416 7
Monarchical
  absolutism
    pol. sci. 321.6
    see also spec. areas
Monarchies
  absolute *see* Monarchical absolutism
  limited *see* Constitutional monarchies
Monarchs *see* Royalty
Monasteries
  buildings *see* Monastic buildings
  religion *see* Religious congregations
Monastic
  buildings
    architecture **726.7**
    construction
      economics **338.47+**
      technology **690.6+**
    housekeeping **647.98+**
    interior decoration **747.8+**
  life
    Christian religion **248.894**
    gen. wks. **291.4**
    see also other spec. rel.
  orders *see* Religious congregations
  rules *see* Monastic life
  schools
    education 377.3
    see also Church-supported schools
Monasticism *see* Religious congregations
Monazite
  mineralogy 549.72
  see also Rare-earths geology
Monetary
  standards
    economics **†332.42**
    see also Financial administration
Money
  economics **332.4–.5**
  govt. control
    gen. wks. 350.822
    see also spec. levels of govt.
  numismatics *see* Numismatics
  see also Financial administration
Money orders *see* Credit instruments
Mongolia ***area* –517**
Mongolic
  ethnic groups *area* –174+
  languages 494.2
  lingual groups *area* –175+
  see also other spec. subj.
Mongolism *see* Mental deficiency
Mongooses *see* Viverrines
Moniliales *see* Deuteromycetes
Monimiaceae *see* Laurales

Monism
  philosophy 147.3
  science 501
Moniteau Co. Mo. *area* –778 52
Monkeys
  conservation 639.97+
  culture 636.9+
  experimental med.
    animals 636.089+
    man 619.98
  hunting
    industries 639.11+
    sports 799.27+
  see also Anthropoidea
Mon-Khmer *see* Austroasian
Monkshoods *see* Ranales
Monmouth Co.
  Eng. *area* –424 3
  N.J. *area* –749 46
Mono Co. Calif. *area* –794 48
Monochlamydeae
  botany **583.9**
  floriculture **635.933+**
Monochrome
  photography
    gen. wks. 778.62
    see also spec. applications
Monocles *see* Eyeglasses
Monocotyledones
  botany **584**
  floriculture **635.934**
  forestry **634.974**
  paleobotany **561.4**
Monocotyledons *see* Monocotyledones
Monocycles *see* Cycles (vehicles)
Monogamy *see* Marriage
Monogenea *see* Trematoda
Monograms *see* Lettering
Monologs *see* Drama
Monometallism *see* Monetary standards
Monona Co. Ia. *area* –777 44
Monongahela River
  gen. wks. ***area* –748 8**
  W.Va. ***area* –754 5**
Monongalia Co. W.Va. *area* –754 52
Mononucleosis *see* Blood diseases
Monophysite
  churches
    religion **281.6**
    see also Heresies
Monoplanes *see* Heavier-than-air aircraft
Monopolies *see* Combinations
Monorailroads *see* Railroads
Monosaccharides *see* Sugars
Monosodium
  glutamate *see* Food salts
Monotheism
  philosophy 110
  religion
    comparative 291.14
    gen. wks. 212.4
    see also spec. rel.
Monotony
  studies
    production *see* Operational management
    psychology 152.8
Monotremata
  paleozoology 569.12
  zoology 599.1
Monotropaceae *see* Ericales
Monozonites *see* Plutonic rocks
Monroe Co.
  Ala. *area* –761 25
  Ark. *area* –767 87
  Fla. *area* –759 41
  Ga. *area* –758 563
  Ill. *area* –773 91
  Ind. *area* –772 255
  Ia. *area* –777 865
  Ky. *area* –769 685
  Mich. *area* –774 32
  Miss. *area* –762 975
  Mo. *area* –778 325
  N.Y. *area* –747 88
  O. *area* –771 96
  Pa. *area* –748 25
  Tenn. *area* –768 88
  W.Va. *area* –754 78
  Wis. *area* –775 54
Monsoons *see* Winds
Monsters
  biological *see* Teratology
  supernatural *see* Supernatural beings

Monstrance *see* Eucharistic vessels
Monstrosities *see* Teratology
Montabaur Germany *area* –†434 3
Montagne Tremblante Provincial Park Que.
gen. wks. *area* **–714 4**
see also other areas
Montague Co. Tex. *area* –764 541
Montana *area* **–786**
Montcalm Co.
Mich. *area* –774 53
Que. *area* –714 41
Montenegro Yugoslavia *area* –†497 45
Monterey Co. Calif. *area* –794 76
Montevideo Uruguay *area* –895 1
Montezuma Co. Colo. *area* –788 27
Montgomery Co.
Ala. *area* –761 47
Ark. *area* –767 43
Ga. *area* –758 83
Ill. *area* –773 82
Ind. *area* –772 48
Ia. *area* –777 75
Kan. *area* –781 93
Ky. *area* –769 55
Md. *area* –752 84
Miss. *area* –762 64
Mo. *area* –778 38
N.Y. *area* –747 46
N.C. *area* –756 74
O. *area* –771 72
Pa. *area* –748 12
Tenn. *area* –768 45
Tex. *area* –764 153
Va. *area* –755 785
Wales *area* –429 4
Montmagny Co. Que. *area* –714 735
Montmorency Co.
Mich. *area* –774 83
Que. *area* –714 48
Montour Co. Pa. *area* –748 39
Montreal & Jesus Isls. Co. Que. *area* **–714 27**
Montrose Co. Colo. *area* –788 19
Montserrat West Indies *area* –†729 75
Monumental
stones *see* Building stones
Moo *see* Imaginary places
Moods *see* Emotions
Moody Co. S.D. *area* –783 36
Moon
astronomy
descriptive **523.3**
theoretical 521.62
see also *s.s.*–015+
Moor
plants *see* Hydrophytes
Moore Co.
N.C. *area* –756 35
Tenn. *area* –768 627
Tex. *area* –764 822
Moore
lamps *see* Electric lighting
Moore's
analysis *see* Functional analysis
Mooring
grounds *see* Harbors
structures *see* Port installations
Moorish *see* Berber
Moose *see* Deer
Moosehead Lake Me. *area* **–741 2**
Mops
manufacture
economics 338.47+
technology 679.6
marketing 658.809+
see also spec. applications
Moquegua Peru *area* –853
Mora Co. N.M. *area* –789 54
Moraceae *see* Urticales
Moraines *see* Glaciology
Moral
philosophy *see* Ethics
rearmament *see* Religious experience
training
children 649.7
see also Ethics
theology *see* Ethics
Morale
employee *see* Employer-employee relationships
military
gen. wks. 355.123
see also spec. branches
social 301.152 2
Morality *see* Ethics
Morals *see* Ethics
Moravia Czechoslovakia *area* –†437 2

Moravian *see* Slovak
Moravian Church
religion **284.6**
see also Church buildings
Moray Scotland *area* –412 3
Morays *see* Apodes
Morbidity
reports 614.15
statistics *see* Demography
Morbihan France *area* –441 3
Morbilli *see* Eruptive fevers
Mordant
dyes *see* Dyes
Mordelloidea
paleozoology 565.76
zoology 595.767
Mordovian ASSR *area* –478 3
Mordvin *see* Finno-Ugric
Mordvinian ASSR *see* Mordovian ASSR
More og Romsdal Norway *area* –483
Moreau River S.D.
gen. wks. *area* **–†783 5**
see also other areas
Morehouse Par. La. *area* –763 84
Morelos Mexico *area* –724
Mores
attitudes *see* Ethics
sociology *see* Social customs
Morgan Co.
Ala. *area* –761 93
Colo. *area* –788 74
Ga. *area* –758 595
Ill. *area* –773 46
Ind. *area* –772 51
Ky. *area* –769 25
Mo. *area* –778 53
O. *area* –771 94
Tenn. *area* –768 74
Utah *area* –792 26
W.Va. *area* –754 96
Morgues
buildings *see* Mortuary buildings
pub. health 614.68
Moringaceae *see* Capparidales
Mormon
tea *see* Gnetales
Mormons *see* Latter-Day Saints
Morning
glories *see* Solanales
prayer *see* Divine Office
Morocco *area* **–64**
Morona-Santiago Ecuador *area* –866 4
Morons *see* Mental deficiency
Morphemes *see* Etymology
Morphology
biology *see* Anatomy
language *see* Grammar
Morrill Co. Neb. *area* –782 95
Morris Co.
Kan. *area* –781 58
N.J. *area* –749 74
Tex. *area* –764 217
Morrison Co. Minn. *area* –776 69
Morrow Co.
O. *area* –771 516
Ore. *area* –795 67
Mortal
sin *see* Sins
Mortality *see* Death
Mortars (artillery) *see* Artillery
Mortars (masonry) *see* Cementing materials
Mortgage
banks *see* Financial institutions
bonds *see* Securities
loans *see* Credit
Mortgages
economics **332.7**
institutions *see* Financial institutions
insurance **368.852**
see also Credit
Morton Co.
Kan. *area* –781 715
N.D. *area* –784 85
Mortuary
buildings
architecture †725.597
construction
economics 338.47+
technology 690.5+
chapels
architecture 726.8
construction 690.6+
customs *see* Funeral rites
vaults *see* Tombs

Morus *see* Mulberries
Mosaic
art *see* Mosaics
diseases *see* Viral diseases
glass
arts **748.5**
technology 666.15
law *see* Pentateuch
laws *see* Ethics
ornaments *see* Mosaics
painting *see* Mosaics
Mosaics
arts
architectural design 729.7
jewelry 738.5
painting
collections **759**
process 751.48
religion
Christian 247.4
gen. wks. 291.37
see also other spec. rel.
Mosan *see* Algonkian-Mosan
Moscow RSFSR *area* –473 1
Moseley
spectrum *see* Ionizing radiation
Moselle France *area* –443 825
Moslems
ethnic group *area* –174+
religion *see* Islam
Mosques
architecture 726.2
construction 690.6+
religion *see* Sacred places
Mosquito Range Colo.
gen. wks. *area* –788 59
see also other areas
Mosquito
boats *see* Warships
Mosquitoes
agricultural pests 632.7+
culture 638.57+
disease carriers *see* Disease carriers
see also Orthorrhapha
Moss
animals *see* Bryozoa
Mosses *see* Musci
Motacillidae
paleozoology 568.8
zoology 598.85

Motel
areas *see* Hotel areas
Motels *see* Public accommodations
Motets *see* Choral music
Moth
flies
agricultural pests 632.7+
culture 638.57+
see also Orthorrhapha
Mother
Goose *see* Rhymes
Motherhood *see* Parenthood
Mothers *see* Parenthood
Mothproof *see* Moth-resistant
Moth-resistant
furs *see* Fur garments
textiles
manufacture
economics 338.47+
technology 677.68
marketing 658.809+
see also spec. applications
Moths
agricultural pests 632.7+
culture 638.57+
see also Frenatae
Motion (activity)
astronomy **521.1**
metaphysics 116
physics **531–533**
Motion
studies
production *see* Operational management
psychology *see* Motor functions
Motion-picture
advertising *see* Entertainment advertising
education *see* Extension
films
communication
gen. wks. 001.553 2
services **384.8**
library treatment 025.177 3
journalism *see* Journalism
music
gen. wks. **782.85**
see also spec. mediums

Motion-picture (continued)
photography
gen. wks. **778.5**
see also spec. applications
plays *see* Drama
programs
ethics 175.1
production
gen. wks. **791.43**
management **658.91+**
theater
buildings *see* Recreation buildings
Motion-pictures *see* Audio-visual materials
Motivation
psychology
animals **†156.2+**
gen. wks. **†152.5**
learning factors
animals †156.3
gen. wks. †153.153 4
research
marketing *see* Market research & analysis
spec. subj. ***s.s.*–018**
Motives *see* Motivation
Motley Co. Tex. *area* –764 752
Motmots *see* Coraciiformes
Motor
bicycles *see* Cycles (vehicles)
buses *see* Motor vehicles
cars *see* Motor vehicles
courts *see* Public accommodations
fuels *see* Petroleum products
functions
biology
animals 591.18
gen. wks. 574.18
plants **581.18**
see also spec. organisms
cells *see* Cytology
control *see* Brain
med. sci.
animals
gen. wks. **636.089+**
see also spec. animals

Motor
med. sci. (continued)
man
control **612.8**
gen. wks. 612.7
psychology
animals **†156.2+**
gen. wks. **†152.3**
generators *see* Motors
launches *see* Small craft
learning *see* Habit formation
nerves
anatomy *see* Neuroanatomy
diseases *see* Neurological diseases
physiology *see* Neurophysiology
trucks *see* Motor vehicles
vehicles
agricultural use
gen. wks. **631.37**
see also spec. crops
architecture 725.99
construction
economics 338.47+
technology
gen. wks. **629.2**
military **623.747**
marketing **658.809+**
see also Transportation services
Motorboating *see* Boating
Motorboats *see* Small craft
Motor-bus
cookery *see* Quantity cookery
Motorcycle
cavalry *see* Mechanized cavalry
racing *see* Motoring
Motorcycles *see* Cycles (vehicles)
Motorcycling *see* Motoring
Motoring
instruction **629.28**
recreation **796.7**
see also Transportation
Motorized
cavalry *see* Mechanized cavalry

Motors
  generators **621.313**
  prime movers 621.4
  see also spec. applications
Moultrie Co. Ill. *area* –773 675
Mount
  McKinley Nat. Park Alaska
    gen. wks. *area* –798 3
    see also other areas
  Rainier Nat. Park Wash.
    gen. wks. *area* –797 78
    see also other areas
Mountain
  ash trees
    culture 635.977+
    forestry 634.973+
    see also Loganiales
  breezes *see* Winds
  climbing *see* Outdoor life
  laurel trees
    culture 635.977+
    forestry 634.973+
    see also Ericales
  plants
    botany 581.9+
    floriculture 635.952
    see also spec. plants
  railways *see* Special-purpose railways
  ranges *see* Mountains
  troops *see* Infantry
  tunnels *see* Tunnels
  warfare *see* Battle tactics
Mountaineering *see* Outdoor life
Mountains
  geography
    gen. wks. 910.091+
    physical †910.02+
  geology 551.43
  regional history 909.09+
  regional subj. treatment *area* –143
  see also spec. areas
Mounted
  forces
    mil. sci.
      gen. wks. **357**
      see also spec. kinds of warfare
    see also hist. of spec. wars
Mounting
  animal skins *see* Taxidermy
Mountrail Co. N.D. *area* –784 74
Mourning
  customs *see* Funeral rites
  rites *see* Funeral rites
Mouse
  deer *see* Deer
Mousseline
  de soie *see* Silk textiles
Mouth
  anatomy
    animals
      vet. sci. **636.089+**
      zoology 591.43
      see also spec. animals
    man **611.31**
  diseases *see* Buccal diseases
  physiology
    animals
      vet. sci. **636.089+**
      zoology 591.13
      see also spec. animals
    man **612.31**
Mouth organs *see* Reed instruments
Movable
  bridges
    eng. & construction
      economics **338.47+**
      technology **624.8**
    see also Bridges
  type *see* Type faces
Movement *see* Motion (activity)
Movements
  horological *see* Timepieces
  mechanical *see* Motion (activity)
  physiological *see* Motor functions
Movies *see* Motion-picture
Moving
  loads *see* Loads
  signs
    advertising *see* Outdoor-sign advertising
Moving vans *see* Motor vehicles
Mower Co. Minn. *area* –776 17
Mowers *see* Harvesting equipment

Mowing *see* Harvesting techniques
Mozambique *area* –679
Mucilages *see* Glues
Mucocutaneous
  leishmaniasis *see* Protozoan infections
Mucorales
  botany 589.28
  culture 635.939+
  paleobotany 561.92
Mucorineae *see* Mucorales
Mucous
  membrane
    medication *see* Membrane medication
  membranes *see* Histology
Mud
  fuels *see* Colloidal fuels
  puppies *see* Salamanders
Mudflows *see* Landslides
Muezzins *see* Clergy
Muffs *see* Handwear
Mugiloidea *see* Acanthopterygii
Mugla Turkey *area* –562
Muhammad *see* Prophets
Muhlenberg Co. Ky. *area* –769 83
Mulberries
  agriculture
    economics 338.17+
    technology **634.38**
  food 641.34+
  marketing 658.809+
  processing *see spec. products*
  see also Urticales
Mulberry
  trees
    culture 635.977+
    forestry 634.973+
    see also Urticales
Mulch
  tillage *see* Mulching
Mulches
  agriculture *see* Mulching
  manufacture
    economics 338.47+
    technology 668.6
  marketing 658.809+
Mulching
  erosion control 631.451
  soil improvement 631.826
Mulching (continued)
  water conservation 631.7
  see also spec. plants
Mules (animals)
  husbandry 636.18
  see also Equidae
Mules (footwear) *see* Footwear
Mules (machines) *see* Spinning machines
Mulleins *see* Personales
Mullica River N.J.
  gen. wks. *area* –749 61
  see also other areas
Multielement
  tubes *see* Electronic tubes
Multiemployer
  bargaining *see* Employer-employee relationships
Multiple
  algebra *see* Universal algebra
  banking *see* Financial institutions
  integrals
    gen. wks. 517.34
    see also *s.s.*–015+
  personalities *see* Hysterias
  pregnancy
    med. sci.
      animals
        gen. wks. **636.089+**
        see also spec. animals
      man **618.25**
    physiology
      animals
        vet. sci. 636.089+
        zoology 591.16+
      man 612.63
  stars *see* Variable stars
Multiple-image
  photography *see* Trick photography
Multiple-loop
  systems *see* Closed-loop control systems

Multiple-purpose
animals
culture
gen. wks. 636.088 92
see also spec. animals
Multiplication
arithmetic *see* Arithmetical operations
Multiply
periodic
functions *see* Elliptic functions
Multituberculata
gen. wks. 569.17
see also *s.s.*–015+
Multnomah Co. Ore. *area* –795 49
Mummification
biol. specimens 579.2
people *see* Funeral rites
Mumps *see* Buccal diseases
Munda *see* Austroasian
Mundari *see* Austroasian
Municipal
buildings *see* Government buildings
engineering
economics **338.47+**
technology **628**
governments *see* Local governments
law *see* Internal law
lighting *see* Illumination
parks *see* Recreational land
planning *see* Planning communities
Municipalities *see* Communities
Munitions
equipment *see* Firearms
limitations *see* Armament limitation
Munster Ireland *area* **–419**
Muntz
metal *see* Copper alloys
Muong *see* Austroasian
Mural
painting *see* Painting arts
paintings *see* Paintings
Murals
arch. decoration 729.4
paintings *see* Paintings
Murcia Spain *area* **–467 7**
Murder
ethics 179.7
see also Offenses
Murderers *see* Offenders
Mures-Magyar Autonomous Region
Romania *area* –†498 4
Murine *see* Rickettsial diseases
Murmansk RSFSR *area* –472
Murray
Co.
Ga. *area* –758 31
Minn. *area* –776 27
Okla. *area* –766 57
River Australia
gen. wks. *area* –944
see also other areas
Murres *see* Auks
Mus Turkey *area* –566 7
Musa
paradisiaca *see* Plantains (fruit)
sapientum *see* Bananas
textiles *see* Manila hemp
Musaceae *see* Zingiberales
Muscat & Oman *area* –535
Muscatel *see* Wines
Muscatine Co. Ia. *area* –777 68
Musci
botany 588.2
floriculture 635.938+
paleobotany 561.8
Muscles
anatomy
animals
vet. sci. **636.089+**
zoology 591.47
see also spec. animals
man **611.73**
diseases
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.74**
pediatrics **618.92+**
surgery 617.473
see also Orthopedic surgery

Muscles (continued)
physiology
animals
vet. sci. **636.089+**
zoology **591.18**
see also spec. animals
man **612.74**
Muscogee Co. Ga. *area* –758 47
Muscular
injections *see* Parenteral medication
rheumatism *see* Muscles
tissues
histology *see* Histology
physiology *see* Muscles
Museum
areas *see* Cultural areas
buildings
architecture **727.6**
construction
economics **338.47+**
technology **690.7+**
description 069.2
interior decoration **747.8+**
Museums
art
gen. wks. **708**
see also spec. art forms
gen. wks. **069**
see also *s.s.*–074
Mushrooms
agriculture
economics 338.17+
technology 635.8
food 641.35+
marketing 658.809+
processing *see spec. products*
see also Agaricales
Music
arts **780**
boxes *see* Mechanical musical instruments
halls *see* Recreation buildings
publications
economics 338.47+
technology
printing 655.384
publishing 655.579+
Music (continued)
religion
Christian
gen. wks. 246.7
pub. worship 264.2
gen. wks. 291
see also other spec. rel.
reproduction *see* Electroacoustical devices
scores
bibliographies 781.97
library treatment 025.178
see also spec. mediums
study & teaching
elementary ed. 372.87
see also *s.s.*–07
therapy
gen. wks. 615.837
see also spec. diseases
Musical
comedies *see* Musical shows
drama
music **782**
see also spec. literatures
glasses *see* Percussion instruments
instruments
gen. wks. †781.91
manufacture
economics **338.47+**
technology **681.8**
see also spec. instruments
performance
gen. wks. **781.63**
see also spec. mediums
psychology
music 781.15
psychology †152.157
shows
music **782.81**
see also Drama
Music-hall
shows *see* Drama
Musicology *see* Music
Musique
concrète
gen. wks. 789.98
see also spec. mediums
Musk
oxen
culture 636.293

Musk
oxen (continued)
hunting
industries 639.11+
sports 799.27+
see also Bovoidea
Muskegon
Co. Mich. *area* –774 57
River Mich.
gen. wks. *area* **–774 5**
see also other areas
Muskellunges
culture 639.37+
fishing
industry
economics 338.372+
technology 639.27+
sports 799.17+
food 641.39+
see also Crossopterygii
Muskets *see* Small arms
Muskingum Co. O. *area* –771 91
Muskmelons
agriculture
economics 338.17+
technology **635.611**
food 641.35+
marketing 658.809+
processing *see spec. products*
see also Cucurbitales
Muskogee Co. Okla. *area* –766 82
Muskoka District Ont. *area* –713 16
Musophagi *see* Cuculiformes
Mussels
fisheries
economics 338.37+
technology 639.42
food *see* Seafood
see also Pelecypoda
Musselshell Co. Mont. *area* –786 312
Mustaches *see* Barbering
Mustangs *see* Ponies
Mustard
condiment
agriculture
economics 338.17+
technology 633.84
food
gen. wks. 641.338+

Mustard
condiment
food (continued)
processing
economics 338.47+
technology 664.54
greens
agriculture
economics 338.17+
technology 635.4
food 641.35+
processing *see spec. products*
see also Cruciales
Mustelidae
paleozoology 569.74
zoology 599.744 47
Mustelines
conservation 639.97+
culture 636.97+
hunting
industries
economics 338.27+
technology 639.11+
sports 799.259+
see also Mustelidae
Mutarotation *see* Polarization
Mutations
evolution *see* Organic evolution
genetics *see* Genetics
Mute
children *see* Exceptional children
people *see* Deaf people
Mutinies
adventure
gen. wks. 910.453
see also spec. places
crime *see* Offenses
Mutiny *see* Offenses
Mutton *see* Red meats
Mutual
benefit
life insurance *see* Life insurance
Mutual-aid
societies *see* Benefit societies
Mutual-funds
securities *see* Securities
Mutual-induction *see* Electrodynamics

Muzzle
velocity *see* Ballistics
Myasthenia
gravis *see* Muscles
Mycetozoa *see* Sarcodina
Mycobacteriaceae *see* Actinomycetales
Mycology
gen. *see* Mycophyta
medical *see* Medical mycology
Mycophyta
botany **589.2**
paleobotany 561.92
Mycosis *see* Fungus diseases
Mydriatics *see* Neurotic drugs
Mylonites *see* Metamorphic rocks
Mynahs
culture 636.686 9
see also Sturnidae
Myocarditis *see* Cardiac disorders
Myocardium *see* Heart
Myodocopa *see* Ostracoda
Myology *see* Muscles
Myomorpha
paleozoology 569.32
zoology 599.323 3
Myomorphs
agricultural pests 632.6+
culture 636.93+
disease carriers *see* Disease carriers
experimental med.
animals 636.089+
man 619.93
hunting
industries 639.11+
sports 799.279+
see also Myomorpha
Myopia *see* Defective vision
Myoporaceae *see* Lamiales
Myositis *see* Muscles
Myricaceae *see* Myricales
Myricales
botany 583.974
floriculture 635.933+
Myricaria *see* Tamaricales
Myringitis
bullosa *see* Tympanic membrane

Myriopoda *see* Progoneata
Myristicaceae *see* Laurales
Myrobalan *see* Myrtales
Myrothamnaceae *see* Hamamelidales
Myrsinaceae *see* Myrsinales
Myrsinales
botany 583.677
floriculture 635.933+
Myrtaceae *see* Myrtales
Myrtales
botany 583.4
floriculture 635.933+
Myrtle *see* Myrtales
Mysia *area* –392 1
Mysidacea
culture 639.5
paleozoology 565.38
zoology 595.383
Mysore India *area* –†548 7
Mystery
stories *see* Fiction
Mystic
traditions
folklore **398.36**
occultism **135.4**
see also Mysticism
Mysticetes
culture 636.95+
hunting
industries
economics 338.372+
technology 639.28
sports 799.279+
see also Mysticeti
Mysticeti
paleozoology 569.5
zoology 599.51
Mysticism
philosophy
Christian 189.5
gen. wks. 149.3
religion
Christian heresy 273.2
gen. wks. 291.14
see also Religious experience
Mythology
art
gen. wks. 704.947
see also spec. art forms

Mythology (continued)
Biblical
gen. wks. 220.68
see also spec. parts
folklore
hist. & criticism **398.3–.4**
legends **398.2**
religion
comp. rel. 291.13
gen. wks. 200.4
see also spec. rel.
see also Literature
Myths *see* Mythology
Myxedema *see* Endocrine disorders
Myxedemism *see* Mental deficiency
Myxobacteriales
botany 589.98
culture 635.939+
Myxococcaceae *see* Myxobacteriales
Myxomycophyta
botany 589.29
culture 635.939+
paleobotany 561.92
Myxophyceae *see* Cyanophyta
Myzodendraceae *see* Santalales
Myzostoma
culture †639.75+
paleozoology 565.1
zoology 595.178

N

NATO *see* North Atlantic Treaty Organization
n bodies
astronomy 521.13
physics 530.144
Nacogdoches Co. Tex. *area* –764 18
Na-Dene
ethnic groups *area* –174+
languages 497.2
lingual groups *area* –175+
see also other spec. subj.
Nagaland India *area* –541 65
Nagano Japan *area* –521 6
Nagasaki Japan *area* –522
Nahecarida *see* Leptostraca
Nahum (O.T.) *see* Minor prophets
Nail
preparations
manicures *see* Manicuring
manufacture *see* Cosmetics
pedicures *see* Pedicuring
Nails (mechanics) *see* Fastenings
Nairn Scotland *area* –412 2
Najadaceae *see* Najadales
Najadales
botany 584.72
floriculture 635.934+
Najas *see* Najadales
Naked-seed
plants *see* Gymnospermae
Nakhichevan ASSR *area* –479 1
Naleds *see* Frost
Named
reactions *see* Synthesis
Names
geographical *see* Gazetteers
personal *see* Personal names
Namur Belgium *area* –493 4
Nance Co. Neb. *area* –782 425
Nansemond Co. Va. *area* –755 53
Nantucket Co. Mass. *area* –744 97
Napa Co. Calif. *area* –794 19
Naphelometric
analysis *see* Optical analysis
Naphthalenes *see* Aromatic compounds
Naphthas
gen. wks. *see* Hydrocarbons
petroleum products *see* Petroleum products
Napierville Co. Que. *area* –714 35
Napkins
table decor 642.7
see also Textiles
Naples Italy *see* Napoli
Napo Ecuador *area* –866 4
Napoli Italy *area* –457 3
Napped
fabrics *see* Felts
Nara Japan *area* –521 8
Narcissus *see* Amaryllidales
Narcotics *see* Neurotic drugs
Nariño Colombia *area* –861 6

Narrow-gauge
railroads *see* Railroads
Narwhals *see* Odontocetes
Nasal
sinuses
anatomy *see* Respiratory organs
diseases *see* Respiratory diseases
physiology *see* Respiration
Nascent
hydrogen *see* Hydrogen
Nash Co. N.C. *area* –756 47
Nasopharynx
anatomy *see* Respiratory organs
diseases *see* Respiratory diseases
physiology *see* Respiration
Nassau Co.
Fla. *area* –759 11
N.Y. *area* –747 245
Nastic
movements *see* Motor functions
Nasturtiums *see* Geraniales
Natal South Africa *area* –†684
Natantia
culture 639.54+
paleozoology 565.38
zoology 595.384 3
Natatoriums *see* Swimming pools
Natchitoches Par. La. *area* –763 65
Nation
states
pol. sci. **321.6–.9**
see also spec. areas
National
accounting
economics **339.2**
govt. control *see* Wealth
airs *see* National songs
bibliographies **015**
defense *see* Home defense
emblems *see* Heraldic design
governments *see* Central governments
guards *see* Combat units
holidays *see* Holidays
National (continued)
hymns *see* National songs
income accounts
economics **339.3**
govt. control *see* Wealth
independence
U.S. history **973.3**
see also other spec. countries
libraries *see* Government libraries
music
gen. wks. **781.73–.79**
see also spec. mediums
parks *see* Recreational land
planning *see* Planning
resources
conservation
economics **339.49**
technology *see spec. resources*
see also spec. subj.
songs
music 784.71
singing **†784.96**
statistics
gen. wks. **314–319**
see also *s.s.*–021 2
Union Party *see* Political parties
Nationalist
socialism *see* Fascist states
Nationality
pol. sci. **323.63**
statistics *see* Demography
Nationalization *see* Socialization
Natrium *see* Sodium
Natrona Co. Wyo. *area* –787 93
Natural
childbirth *see* Parturition
dyes *see* Dyes
gas
geology 553.285
industries
extractive
economics 338.27+
technology 622.33+
processing
economics 338.47+
technology †665.73

Natural
gas (continued)
mining *see* Natural gas industries
refining *see* Natural gas industries
technology *see* Natural gas industries
history
gen. wks. 500.9
see also spec. subj.
law
philosophy **171**
religion
gen. wks. 291.5
see also spec. rel.
soc. sci. 340.1
monuments *see* Recreational land
phenomena
folklore *see* Mythology
sciences *see* Natural sciences
religion **210**
resources *see* Land resources
rubber *see* Elastomers
sciences
gen. wks. 500.1
see also spec. sci.
Naturalism
arts 709.03+
literature 808.801 2
philosophy **146**
Naturalization
floriculture 635.9
laws †340
pol. sci. 323.62
Natural-resin
plastics
manufacture
economics 338.47+
technology 668.45
see also spec. applications
Nature
biology **570**
philosophy 113.2
study & teaching
elementary schools 372.357
see also ***s.s.–07***
Naturopathy
gen. wks. 615.535
see also spec. diseases
Nauru *area* –968 5
Nautical
almanacs *see* Ephemerides
astronomy *see* Celestial navigation
equipment
manufacture **670–680**
naval engineering **623.86**
see also Safety measures
surveying *see* Hydrographic surveying
Nautiloidea
culture 639.48+
paleozoology 564.52
zoology 594.52
Nautilus *see* Nautiloidea
Navaho *see* Na-Dene
Navajo Co. Ariz. *area* –791 35
Naval
architecture
art 725.99
engineering **623.81**
artillery
pieces *see* Artillery (pieces)
cookery *see* Quantity cookery
engineering
economics **338.47+**
technology **623.8**
forces
mil. sci.
gen. wks. **359**
see also spec. kinds of warfare
see also hist. of spec. wars
law *see* Commerical law
stores *see* Saps
warfare *see* Sea warfare
Navarre Spain *area* –465 2
Navarro Co. Tex. *area* –764 282
Naves *see* Church buildings
Navies *see* Organizational units
Navigable
waters
economics *see* Water supply
gen. wks. *see* Water bodies
waterways *see* Inland waterways

Navigation (operation)
air **629.132 51**
sea **623.89**
space 629.453
Navigation
almanacs *see* Ephemerides
laws *see* Commerical law
Navigational
sports *see* Aquatic sports
Navy (The) *see* Naval forces
Navy
beans *see* Garden beans
cookery *see* Institutional cookery
departments *see* Executive departments
Nayarit Mexico *area* –723
Nazi
states *see* Fascist states
Nazism *see* Fascist states
n-Dimensional
geometries *see* Absolute geometries
Neap
tides *see* Tides
Near East *see* Middle East
Neat's-foot
oil *see* Fixed oils
Nebaliacea *see* Leptostraca
Nebraska ***area*** **–782**
Nebular
hypothesis *see* Cosmogony
Nebulas *see* Cosmology
Necessity *see* Determinism
Neches River Tex.
gen. wks. ***area*** **–764 15**
see also other areas
Necklaces *see* Jewelry
Necks (geology)
gen. wks. 551.88
see also spec. ores
Neckties *see* Dress accessories
Necrobacillosis *see* Salmonella diseases
Necromancy *see* Magic arts
Necropneumonia *see* Respiratory diseases
Necrosis *see* Symptomatology
Nectarines *see* Peaches
Nectonematoidea *see* Nematomorpha
Needlepoint
lace *see* Openwork fabrics
work *see* Embroidery
Needles *see* Notions
Needlework *see* Embroidery
Neembucú Paraguay *area* –892 1
Negligees *see* Garments
Negligence
ethics 179.8
law *see* Torts
Negotiable
instruments *see* Credit instruments
Negrito
ethnic groups *area* –174+
languages 499.11
lingual groups *area* –175+
see also other spec. subj.
Negroes
ethnic groups *area* –174+
lingual groups *area* –175+
see also African
Negros Philippine Isls. *area* –914 5
Nehemiah (O.T.)
gen. wks. **222.8**
see also Pseudepigrapha
Nehemias (O.T.) *see* Nehemiah (O.T.)
Neighborhoods *see* Residential areas
Neisseriaceae *see* Eubacteriales
Nejd Saudi Arabia *area* –538
Nelson, N.Z. *area* –931 53
Nelson Co.
Ky. *area* –769 495
N.D. *area* –784 35
Va. *area* –755 49
Nemaha Co.
Kan. *area* –781 33
Neb. *area* –782 278
Nematocera *see* Orthorrhapha
Nematoda
infestations
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.965**
pediatrics **618.92+**
public health **614.55+**

Nematoda
infestations (continued)
plants
agriculture 632.6+
botany 581.233
see also spec. plants
see also Nematoidea
Nematoidea
culture †639.75+
paleozoology 565.1
zoology 595.13
Nematomorpha
culture †639.75+
paleozoology 565.1
zoology 595.131
Nemertea
culture †639.75+
paleozoology 565.1
zoology 595.124
Nenets *see* Samoyedic
Neo-Babylonian *see* Akkadian
Neoclassicism
art *see spec. art forms*
economics *see* Economic systems
Neocriticism *see* Critical philosophy
Neo-Darwinism *see* Organic evolution
Neodymium *see* Rare-earths
Neogastropoda *see* Prosobranchia
Neo-Kantianism
gen. wks. 142.3
see also spec. philosophers
Neo-Lamarckism *see* Organic evolution
Neolithic
Age *see* Stone Age
Neomechanism *see* Mechanism
Neon
gas *see* Rare gases
lighting *see* Electric lighting
Neonates *see* Children
Neoplasms *see* Oncology
Neoplastic
diseases *see* Oncology
Neoplatonism
ancient 186.4
gen. wks. 141
see also spec. philosophers
Neoprene *see* Elastomers
Neorealism *see* Realism
Neornithes
paleozoology 568.23
zoology **598.2**
Neosho Co. Kan. *area* –781 95
Nepal *area* –†549 6
Nepenthaceae *see* Aristolochiales
Nephritis *see* Renal disorders
Neptune (planet)
astronomy
descriptive 523.481
theoretical 521.5
see also *s.s.*–015+
Neptunium *see* Rare-earths
Nernst
lamps *see* Electric lighting
Nerve
depressants *see* Neurotic drugs
stimulants *see* Neurotic drugs
tissues *see* Histology
Nerves
anatomy *see* Neuroanatomy
diseases *see* Neurological diseases
physiology *see* Neurophysiology
Nervous
system
anatomy *see* Neuroanatomy
diseases
functional *see* Psychiatry
organic *see* Neurological diseases
physiology *see* Neurophysiology
Neshoba Co. Miss. *area* –762 685
Nesosilicates
mineralogy 549.62
see also spec. minerals
Ness Co. Kan. *area* –781 46
Nestorian
Church
religion 281.8
see also Heresies

Net (texture)
fishing *see* Fishing
games
customs 394.3
gen. wks. **796.32**
see also Racket games
Net (without deductions)
national product
accounts *see* National income accounts
Netherlands *area* **–492**
Netsukes
gen. wks. 736.68
see also spec. materials
Netting *see* Knotted fabrics
Nettlerash *see* Papular eruptions
Nettles
agricultural pests 632.58
see also Urticales
Network
analysis *see* Circuitry
Networks *see* Telecommunication
Neubrandenburg Germany *area* –†431 7
Neuchâtel Switzerland *area* –494 3
Neuquén Argentina *area* –827
Neural
groove *see* Embryology
Neuralgias *see* Neurological diseases
Neurasthenia *see* Hysterias
Neurenteric
canal *see* Embryology
Neurilemma
cells *see* Histology
Neuritis *see* Neurological diseases
Neuroanatomy
animals
gen. wks. **636.089+**
see also spec. animals
man **611.8**
Neuroglia
cells *see* Histology
Neurological
diseases
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
Neurological
diseases (continued)
man
gen. wks. **616.81–.84**
pediatrics **618.92+**
surgery *see* Neurosurgery
Neurology
anatomy *see* Neuroanatomy
diseases *see* Neurological diseases
physiology *see* Neurophysiology
Neurophysiology
animals
vet. sci. **636.089+**
zoology 591.18
see also spec. animals
man **612.8**
Neuroptera
paleozoology 565.74
zoology 595.747
Neuropteris
gen. wks. 561.597
see also *s.s.*–015+
Neuroses *see* Psychoneuroses
Neurosurgery
animals
exp. med. **619**
vet. sci. **636.089+**
man **617.481**
Neurosyphilis *see* Psychoses
Neurotic
drugs
addictions *see* Addictions
pharmacodynamics
gen. wks. **615.78**
veterinary
gen. wks. **636.089+**
see also spec. animals
see also Pharmacology
Neuse River N.C.
gen. wks. *area* –756 19
see also other areas
Neutral
nations
geography **910.091+**
history **909.09+**
subj. treatment *area* **–171 6**
see also spec. nations

Neutrality
  administration 350.892
  ethics 172.4
  law 341.35
  pol. sci. 327.1
  see also hist. of spec. countries
Neutralization (chemical)
  analytic method *see* Volumetric analysis
  reactions
    chem. tech. **661.4–.6**
    chemistry 546.129
Neutrinos *see* Subatomic particles
Neutrons *see* Subatomic particles
Neutropenia *see* Blood diseases
Nevada (state) *area* –793
Nevada Co.
  Ark. *area* –767 52
  Calif. *area* –794 37
Nevi *see* Skin disorders
Nevis West Indies *area* –†729 73
Nevsehir Turkey *area* –564
Nevskiaceae *see* Caulobacteriales
New
  Brunswick (province) *area* **–715**
  Caledonia *area* –932
  Castle Co. Del. *area* –751 1
  England *area* **–74**
  Guinea *area* **–95**
  Hampshire *area* **–742**
  Hanover Co. N.C. *area* –756 27
  Haven Co. Conn. *area* –746 7
  Hebrides *area* –934
  Jersey *area* **–749**
  Kent Co. Va. *area* –755 43
  Land *see* Novaya Zemlya
  London Co. Conn. *area* –746 5
  Madrid Co. Mo. *area* –778 985
  Mexico *area* **–789**
  Quebec District Que. *area* –†714 17
  River W.Va.-Va.-N.C.
    gen. wks. *area* **–754 7**
    see also other areas
  South Wales *area* –944
  York
    City *area* –747 1
    State *area* –747
  Zealand *area* **–931**
New
  Economics (The) *see* Economic systems
  Jerusalem churches *see* Church of the New Jerusalem
  Stone Age *see* Stone Age
  Testament
    apocrypha & pseudepigrapha **229**
    gen. wks. **225**
    theology **230**
    see also Scripture readings
  Thought *see* Recent Christian sects
  Year's Day *see* Holidays
Newaygo Co. Mich. *area* –774 58
Newberry Co. S.C. *area* –757 39
Newborn
  infants *see* Children
Newfoundland *area* –718
Newfoundlands *see* Working dogs
Newport Co. R.I. *area* **–745 6**
Newport News Va. *area* –†755 416
News
  journalism 070.43
  publishing *see* Publishing
Newscasts
  broadcasts *see* Telecommunication
  journalism *see* Journalism
Newspaper
  advertising *see* Serial advertising
  illustration *see* Commercial art
  inks *see* Inks
Newspapers
  general **071–079**
  publishing *see* Publishing
  see also Serials
Newsprint *see* Paper products
Newton Co.
  Ark. *area* –767 16
  Ga. *area* –758 59
  Ind. *area* –772 974
  Miss. *area* –762 67
  Mo. *area* –778 73
  Tex. *area* –764 16

Newts *see* Salamanders
Nez Perce Co. Ida. *area* –796 85
Niacin *see* Vitamins
Niagara
  Co. N.Y. *area* –747 98
  Falls
    gen. wks. *area* –713 39
    N.Y. *area* –747 99
Niblicks *see* Recreational equipment
Nicaragua *area* –728 5
Niccolite
  mineralogy 549.32
  see also Nickel geology
Nice France *area* –449 4
Niches
  architecture 721.48
  construction
    economics 338.47+
    technology 690.1+
  see also spec. structures
Nicholas Co.
  Ky. *area* –769 417
  W.Va. *area* –754 69
Nickel
  art metalwork 739.56
  compounds
    chemistry **546.625**
    manufacture 661.06+
    pharmacology
      gen. wks. **615.2+**
      veterinary **636.089+**
  fabrication *see* Nickel industries
  geology
    gen. wks. 553.48
    mineralogy *see spec. minerals*
  industries
    extractive
      metallurgy 669.733
      mining
        economics 338.27+
        technology 622.348
    manufacturing
      economics 338.47+
      technology 673.73+
  metallography *see* Nickel properties
  mineralogy *see spec. minerals*
  mining *see* Nickel industries
Nickel (continued)
  products *see spec. subj.*
  properties
    chemistry **546.625**
    engineering 620.188
    metallography 669.957+
    see also Radiochemistry
  steel *see* Iron alloys
Nicknames *see* Personal names
Nicobar Isls. India *area* –548 8
Nicola River B.C. *area* –711 41
Nicolet Co. Que. *area* –714 55
Nicollet Co. Minn. *area* –776 32
Nicotiana *see* Tobacco
Nicotine *see* Botanical drugs
Nicotinic
  acid *see* Vitamins
Nidulariales *see* Lycoperdales
Nielloing *see* Decorative treatment
Nièvre France *area* –445 6
Niger (country) *area* –662 6
Niger River
  gen. wks. *area* –662
  see also other areas
Niger-Congo
  ethnic groups *area* –174+
    †496.3
  languages
  lingual groups *area* –175+
  see also other spec. subj.
Nigeria *area* **–669**
Night
  baseball *see* Bat games
  clothes *see* Garments
  colleges *see* Colleges
  photography *see* Outdoor photography
  schools *see* Adult education
Nightclub
  areas *see* Restaurant areas
  buildings *see* Restaurant buildings
  shows *see* Drama
Nightclubs *see* Public accommodations
Nightingales *see* Turdidae
Nightmares *see* Dreams
Nightshade (plants) *see* Solanales
Nihilism
  philosophy 149.8
  see also spec. philosophers

Niigata Japan *area* –521 5
Niihau Hawaii *area* –969 42
Nile River
gen. wks. *area* –62
see also other areas
Ninepins *see* Indoor ball games
Ningsia-Hui China *area* –517 5
Niobium *see* Columbium
Niobrara
Co. Wyo. *area* –787 15
River
gen. wks. *area* –782 7
see also other areas
Nipissing District Ont. *area* –713 147
Nipponium *see* Technetium
Nirvana *see* Eschatology
Nishnabotna River
gen. wks. *area* –777 7
see also other areas
Niter
chemistry *see* Nitrogen compounds
minerals *see* Nitrogen geology
Niton *see* Rare gases
Nitrates
chemistry *see* Nitrogen compounds
fertilizers
agriculture
gen. wks. 631.842
see also spec. crops
manufacture
economics 338.47+
technology 668.62+
marketing 658.809+
minerals *see* Nitrogen geology
Nitration
chem. tech.
gen. wks. 660.284 4+
see also spec. products
chemistry
inorganic **546.71**
organic 547.26
Nitrification *see* Nitrifying bacteria
Nitrifying
bacteria
bacteriology *see* Eubacteriales
Nitrifying
bacteria (continued)
fertilizers
gen. wks. **631.84**
see also spec. crops
Nitrides *see* Nitrogen compounds
Nitriles *see* Nitrogen compounds
Nitrites *see* Nitrogen compounds
Nitro
compounds *see* Nitrogen compounds
Nitrobacteriaceae *see* Eubacteriales
Nitrocellulose
compounds *see* Polysaccharides
textiles *see* Cellulosics
Nitrogen
compounds
chemistry
inorganic **546.711**
organic **547.04**
manufacture
inorganic 661.07+
organic **661.894**
pharmacology
gen. wks.
inorganic **615.2+**
organic **615.3**
veterinary **636.089+**
fabrication *see* Nitrogen industries
fertilizers
agriculture
gen. wks. **631.84**
see also spec. crops
manufacture
economics **338.47+**
technology **668.62+**
marketing **658.809+**
fixation *see* Nitrifying bacteria
geology
gen. wks. **553.6**
mineralogy
gen. wks. 549.732
see also spec. minerals

Nitrogen (continued)
industries
manufacturing
economics 338.47+
technology 665.824
mining
economics **338.27+**
technology **622.36+**
metabolism *see* Metabolism
mineralogy *see* Nitrogen geology
mining *see* Nitrogen industries
products *see spec. subj.*
properties
chemistry **546.711**
engineering 620.19
see also Radiochemistry
Nitrogenous
fertilizers *see* Nitrogen fertilizers
Nitrosation
chem. tech.
gen. wks. 660.284 4+
see also spec. products
chemistry 547.26
Nitroso
compounds *see* Nitrogen compounds
Nivation *see* Frost
Nivernais France *area* –445 6
Nobelium *see* Rare-earths
Nobility *see* Aristocracy
Noble Co.
Ind. *area* –772 76
O. *area* –771 95
Okla. *area* –766 27
Noble
gases *see* Rare gases
Nobles Co. Minn. *area* –776 24
Nodaway Co. Mo. *area* –778 12
Noil
silk *see* Silk textiles
Noise
control
govt. control
gen. wks. †350.77
see also spec. levels of govt.
pub. health 614.78
see also Acoustics
Nolan Co. Tex. *area* –764 728
Nomads *see* Social classes
Nome election district Alaska *area* –798 6
Nominalism
philosophy 149.1
religion
gen. wks. 291.14
see also spec. rel.
Nomination
systems
laws †340
pol. sci. 324.23
Nomocanon *see* Religious law
Nonalcoholic
beverages *see* Soft drinks
Noncombat
units *see* Special services
Noncommodity
money
economics **332.5**
see also Financial administration
Nondominant
groups *see* Minority groups
None *see* Divine Office
Non-Euclidean
geometries
gen. wks. **513.8**
see also ***s.s.–015***
Nonexanthematous
tick fever *see* Tick fever
Nonfeasance *see* Offenses
Nonferrous
metals
chemistry *see spec. metals*
fabrication *see* Nonferrous metals industries
geology
gen. wks. **553.4**
mineralogy *see spec. minerals*
industries
extractive
economics **338.27+**
technology
metallurgy **669.7**
mining **622.342–.349**
manufacturing
economics **338.47+**
technology **673**

Nonferrous
metals (continued)
metallography *see* Nonferrous metals properties
mineralogy *see* Nonferrous metals geology
mining *see* Nonferrous metals industries
properties
construction **691.8**
engineering **620.18**
metallography **669.95**
Nonfuel
carbons
processing
economics **338.47+**
technology **662.9**
see also spec. applications
Nonintervention *see* Neutrality
Nonlinear
control systems *see* Closed-loop control systems
Nonmetallic
elements *see* Nonmetals
money *see* Noncommodity money
Nonmetals
chemistry
gen. wks. **546.7**
see also Organic chemistry
geology *see spec. ores*
industries *see spec. industries*
Nonpolar
compounds *see* Organic chemistry
Nonpublic
schools *see* Private schools
Nonsporting
dogs
culture 636.72
use *see spec. purposes*
see also Canidae
Nontax
revenues
administration
gen. wks. 350.7
see also spec. levels of govt.
economics **336.1**
Nonverbal
language
gen. wks. 419
see also Communication systems
Nonvolatile
oils *see* Fixed oils
Noodles *see* Pastas
Nootka *see* Algonkian-Mosan
Nord France *area* –442 8
Nordland Norway *area* –484 5
Nord-Trondelag Norway *area* –484
Norfolk, Va. *area* –755 521
Norfolk
Co.
Eng. *area* –426 1
Mass. *area* –744 7
Ont. *area* –713 36
Va. *area* –755 52
Isl. Australia *area* –948
Norfork Lake Ark.
gen. wks. *area* –767 21
see also other areas
Noricum *area* –36
Norites *see* Plutonic rocks
Norman Co. Minn. *area* –776 93
Normandy France ***area* –442**
Norrbotten Sweden *area* –488
Norris Lake Tenn.
gen. wks. *area* –768 935
see also other areas
Norrland Sweden *area* –488
Norse *see* Germanic
Norte de Santander Colombia *area* –861 2
North
America ***area* –7**
Brabant Netherlands *area* –492 4
Carolina ***area* –756**
central states U.S. ***area* –77**
Channel Lake Huron
gen. wks. *area* –713 13
see also other areas
Dakota ***area* –784**
Holland Netherlands *area* –492 3
Isl. N.Z. ***area* –931 2**
Ossetian ASSR *area* –479
Platte River
gen. wks. *area* –787 16
see also other areas
Polar Sea *see* Arctic Ocean
Pole ***area* –98**

North (continued)
Rhine-Westphalia Germany *area* –†435 5
Sea *see* Atlantic Ocean
North
American
aboriginals *see* Amerindians
Indians *see* Amerindians
Arabic *see* Arabic
Atlantic
Treaty Organization
defense 355.03
organization 341.18+
see also spec. services
Queensland
tick
typhus *see* Rickettsial diseases
Semitic *see* Aramaic
Northampton Co.
Eng. *area* –425 5
N.C. *area* –756 49
Pa. *area* –748 22
Va. *area* –755 15
Northeastern states U.S. ***area* –74**
Northern
Hemisphere
geography 910.091+
history 909.09+
subj. treatment *area* –181 3
see also spec. areas
Ireland ***area* –416**
Land *see* Scvernaya Zemlya
Neck Va. ***area* –755 2**
Province Sudan *area* –†625
Rhodesia *area* –689 4
Territory Australia *area* –942 9
Northern
lights *see* Auroras
papaws *see* Anonaccous fruits
Northumberland Co.
Eng. *area* –428 2
N.B. *area* –715 21
Ont. *area* –713 57
Pa. *area* –748 31
Va. *area* –755 21
North-West Frontier Pakistan *area* –†549 12
Northwest Ters. Can. ***area* –712 2**
Norton, Va. *area* –755 74
Norton Co. Kan. *area* –781 155
Norway *area* –481
Norwegian *see* Germanic
Nose
anatomy *see* Respiratory organs
diseases *see* Respiratory discases
physiology *see* Respiration
speech organ *see* Speech organs
Nostocaceae *see* Cyanophyta
Notaspidea *see* Acoela (Mollusca)
Notidanoidea *see* Selachii
Notions
garmentmaking
commercial 687.8
domestic 646.1
see also spec. applications
Notochord
development *see* Embryology
Notostigmata *see* Acari
Notostraca *see* Branchiopoda
Notoungulata *see* Protungulata
Notre Dame Mts. Que.
gen. wks. ***area* –714 7**
see also other areas
Nottingham Eng. *area* –425 2
Nottoway Co. Va. *area* –755 637
Nova Scotia ***area* –716**
Novae *see* Variable stars
Novara Italy *area* –451 6
Novaya Zemlya *area* –986
Novelets *see* Fiction
Novellae
constitutiones *see* Roman law
Novellas *see* Fiction
Novels *see* Fiction
Novgorod RSFSR *area* –474 5
Novosibirsk Siberia *area* –573
Nowata Co. Okla. *area* –766 97
Noxubee Co. Miss. *area* –762 955
Nubian Desert Sudan *area* –†625
Ñuble Chile *area* –833
Nuciculture *see* Nuts (seeds)
Nuckolls Co. Neb. *area* –782 37
Nuclear
accidents *see* Disasters
bombs *see* Low-velocity projectiles

Nuclear (continued)
energy
engineering **621.48**
physics **539.7**
see also spec. applications
engineering
economics **338.47+**
technology
gen. wks. **621.48**
see also spec. applications
engines *see* Nuclear reactors
fission *see* Nuclear energy
fuels *see* Fissionable materials
fusion *see* Thermonuclear fusion
heating
gen. wks. 697.79
see also spec. applications
missiles *see* Guided missiles
physics
gen. wks. **539.7**
see also spec. applications
reactors
engineering
economics **338.47+**
technology
gen. wks. **621.483**
see also spec. branches
see also spec. applications
rockets *see* Rocket engines
war *see* Strategy
warfare
ammunition *see* Ammunition
defenses
mil. eng. †623.375
welfare services **†363.35**
forces
gen. wks. 358.39
see also spec. kinds of warfare
weapons *see* Firearms
Nuclear-accident
insurance *see* Industrial insurance
Nucleation
chemical *see* Polymerization
physical *see* Physical transformations

Nucleic
acids
biochemistry *see* Biochemistry
chemistry *see* Heterocyclic compounds
Nucleolus *see* Cytology
Nucleoproteins *see* Proteins
Nucleus *see* Cytology
Nuda *see* Ctenophorae
Nudes *see* Human figure
Nudibranchia *see* Acoela (Mollusca)
Nueces
Co. Tex. *area* –764 113
River Tex.
gen. wks. *area* **–764 1**
see also other areas
Nueva Esparta Venezuela *area* –875
Nuevo León Mexico *area* –721
Number
metaphysics 119
see also spec. philosophers
Numbers (O.T.) *see* Pentateuch
Numbers (symbols)
algebra
gen. wks. **512.81**
see also ***s.s.*–015+**
occultism *see* Divination
Numbers-game *see* Gambling
Numeration
systems
arithmetic 511.1
see also *s.s.*–015+
Numeric
equations *see* Equations
Numerical
analysis
gen. wks. 517.6
see also *s.s.*–015+
Numerology *see* Divination
Numidia *area* –397 2
Numismatics
gen. wks. **737**
see also Paper money
Nunneries
buildings *see* Monastic buildings
religion *see* Religious congregations
Nuoro Sardinia *area* –459 2

Nurseries (children) *see* Rooms
Nurseries (plants)
agriculture
gen. wks. **635.91+**
see also spec. plants
management
economics 338.47+
technology 658.93+
see also Nursery stock
Nursery
rhymes *see* Rhymes
school
children *see* Children
schools *see* Elementary schools
stock
catalogs **631.52**
propagation methods 631.537
see also spec. crops
Nurses *see* Nursing
Nursing
home economics 649.8
med. sci. **610.73**
mil. sci. *see* Special services
Nursing-homes *see* Convalescent homes
Nutation
astronomy
corrections 522.96
gen. wks. 521.9
see also spec. heavenly bodies
biol. *see* Motor functions
Nuthatches *see* Sittidae
Nutmeg
agriculture
economics †338.17+
technology †633.83
food 641.338+
marketing 658.809+
processing *see spec. products*
see also Laurales
Nutrition
biology
animals 591.13
gen. wks. 574.13
plants **581.13**
see also spec. organisms
cells *see* Cytology
diseases *see* Nutritional diseases

Nutrition (continued)
med. sci.
animals
gen. wks. **636.089+**
see also spec. animals
man **612.3**
practices
animals
gen. wks. **636.089+**
see also spec. animals
man
home econ. **641**
hygiene **613.2**
programs *see* Hygiene
see also Applied nutrition
Nutritional
diseases
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.39**
pediatrics **618.923+**
Nuts (mechanics) *see* Fastenings
Nuts (seeds)
agriculture
economics **338.17+**
technology
culture **634.5**
forest products 634.987
see also spec. plants
fodder
gen. wks. 636.087 4
see also spec. animals
food
cookery **641.64+**
gen. wks. **641.34+**
processing *see spec. products*
marketing 658.809+
Nyasa (lake)
gen. wks. *area* –678 2
see also other areas
Nyasaland *area* –689 7
Nyctaginaceae *see* Thymelaeales
Nyctinastic
movements *see* Motor functions
Nye Co. Nev. *area* –793 34
Nygde Turkey *area* –564

Nylon
plastics *see* Polymerization plastics
textiles
chemistry 547.85+
dyeing & printing
home econ. 640
technology **667.3**
manufacture
economics 338.47+
technology 677.473
materials
construction 691.9
engineering 620.197
see also spec. products
Nymphaeaceae *see* Ranales
Nymphomania *see* Sexual disorders
Nymphonomorpha *see* Pycnogonida
Nyssaceae *see* Umbelliflorae
Nytrils *see* Polymerization textiles

O

OAS *see* Organization of American States
Oahu Hawaii *area* **–969 31**
Oak
trees
culture 635.977+
forestry †634.972 1
see also Fagales
Oakland Co. Mich. *area* –774 38
Oases
geography
gen. wks. 910.091+
physical †910.02+
geology 551.4
history 909.09+
subj. treatment *area* –15
see also spec. areas
Oatmeal *see* Oats
Oats
agriculture
economics 338.17+
technology
forage crops 633.25+
grain crops **633.13**
fodder
gen. wks. 636.086
Oats
fodder (continued)
see also spec. animals
food
cookery 641.6+
gen. wks. 641.331+
processing
economics 338.47+
technology 664.725
see also Pooideae
Oaxaca Mexico *area* –727
Obadiah (O.T.) *see* Minor prophets
Obedience
ethics 179.9
theology
Christian 234.6
gen. wks. 291.22
see also other spec. rel.
see also spec. applications
Obesity *see* Overweight people
Obion Co. Tenn. *area* –768 13
Oblates
history
men 271.76
women 271.979
see also spec. congregations
see also Religious congregations
Oboes *see* Double-reed instruments
O'Brien Co. Ia. *area* –777 14
Obscenity
crime *see* Offenses
ethics 179.5
religion
Christian 241.3
see also other spec. rel.
see also Sexual ethics
Observants *see* Franciscans
Observatories
astronomy **522.1**
school equipment *see* School buildings
Observatory
buildings *see* Research buildings
towers *see* Towers
Obsessive-compulsive neuroses *see* Hysterias
Obsidians *see* Volcanic rocks

Obstacle
racing
horses *see* Equestrian sports
Obstetrical
nursing *see* Nursing
surgery
animals
gen. wks. **636.089+**
see also spec. animals
man **618.8**
Obstetrics
medicine **618.2**
vet. sci.
gen. wks. **636.089+**
see also spec. animals
Ocarinas *see* Flutes
Occasionalism
gen. wks. 147
metaphysics 122
see also spec. philosophers
Occident *see* Atlantic region
Occult
sciences *see* Occultism
Occultations
descriptive astronomy
gen. wks. 523.99
see also spec. celestial bodies
theoretical astronomy 521.8
Occultism
folklore **398**
gen. wks. **133**
Occupation
forces *see* Military occupation
money *see* Noncommodity money
Occupational
education *see* Vocational education
ethics
philosophy **†174**
religion
Christian **241**
see also other spec. rel.
health
nursing *see* Nursing
rehabilitation *see* Educational programs
therapy *see* Mental therapies
Occupations
economics
labor **331.7**
production **338.1–.4**
technology *see spec. subj.*
see also Social classes
Occupying
ownership
land *see* Private land
Ocean Co. N.J. *area* –749 48
Ocean
currents *see* Marine waters
fishing *see* Salt-water fishing
floor
geography †910.02
geology 551.460 8
see also spec. oceans
liners *see* Merchant ships
marine
insurance *see* Transportation insurance
transportation *see* Transportation services
Oceana Co. Mich. *area* –774 59
Oceania ***area* –9**
Oceanography *see* Marine waters
Oceans *see* Marine waters
Ocelots *see* Cats
Ochers *see* Pigments
Ochiltree Co. Tex. *area* –764 815
Ochnaceae *see* Theales
Ocmulgee River Ga.
gen. wks. ***area* –758 5**
see also other areas
Oconee
Co.
Ga. *area* –758 19
S.C. *area* –757 21
River Ga.
gen. wks. ***area* –758 6**
see also other areas
Oconto Co. Wis. *area* –775 37
Octoknemataceae *see* Santalales
Octopoda
culture 639.48+
paleozoology 564.56
zoology 594.56

Octopuses *see* Octopoda
Ocular
disorders
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man **617.7**
neuromuscular
disorders
animals
Vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man **617.762**
mechanism
anatomy
animals
vet. sci. 636.089+
zoology 591.48
see also spec. animals
man 611.84
diseases *see* Ocular neuromuscular disorders
physiology
animals
vet. sci. 636.089+
zoology 591.18
see also spec. animals
man 612.846
Odense Denmark *area* –489 4
Odes
of Solomon *see* Song of Solomon
Odobenidae
paleozoology 569.74
zoology 599.747
Odonata
paleozoology 565.73
zoology 595.733
Odonotographs *see* Gears
Odontocetes
culture 636.9+
hunting
industries
economics 338.372+
technology 639.28
sports 799.279+
see also Odontoceti
Odontoceti
paleozoology 569.5
zoology 599.53
Odontopteris
gen. wks. 561.597
see also *s.s.*–015+
Odontopteryges *see* Pelecaniformes
Odors
physiology *see spec. organs*
psychology *see* Olfactory perception
spec. objects *see spec. objects*
Oedipus
complex *see* Subconscious
Oedogoniales *see* Chlorophyta
Oeno Isl. *area* –961 8
Offaly Ireland *area* –418 6
Offenders
criminology **†364.3**
law *see* Criminal law
see also Personality-disorders
Offenses
criminology **364.13–.17**
govt. control
gen. wks. 350.75–.76
govt. officials 350.91
see also spec. levels of govt.
law *see* Criminal law
military 355.133 4
protective services **363.2–.4**
Offensive
tactics *see* Battle tactics
Offertory *see* Mass (religion)
Office
buildings *see* Commercial buildings
equipment
gen. wks. **651.2**
manufacture *see spec. items*
personnel
gen. wks. **651.37**
labor economics **331.761**
management **†658.3**
services
economics **338.47+**
technology **651**
Officers
military *see* Personnel
police *see* Police services

Official
ceremonies
customs 394.4
history *see history of spec. areas*
mil. sci.
gen. wks. 355.17
see also spec. branches
Offset
lithography *see* Planographic processes
printing
economics **338.47+**
technology **655.31–.32**
Ogeechee River Ga.
gen. wks. *area* –758 66
see also other areas
Ogemaw Co. Mich. *area* –774 75
Ogle Co. Ill. *area* –773 32
Oglethorpe Co. Ga. *area* –758 175
Ogres *see* Supernatural beings
O'Higgins Chile *area* –833
Ohio (state) *area* –771
Ohio
Co.
Ind. *area* –772 12
Ky. *area* –769 835
W.Va. *area* –754 14
River
gen. wks. *area* –769
see also other areas
Valley
gen. wks. *area* –77
see also other areas
Ohmmeters *see* Resistance measurements
Oil
brines *see* Mineralized waters
gas *see* Industrial gases
painting *see* Painting arts
paintings *see* Paintings
tankers *see* Merchant ships
varnishes *see* Japans
wells *see* Petroleum oils
Oilbirds *see* Caprimulgiformes
Oilcloth *see* Water-repellent fabrics
Oil-diffusion
vacuum pumps *see* Pumps
Oils
cooking *see* Fixed oils
edible *see* Fixed oils
essential *see* Essential oils
fixed *see* Fixed oils
industrial *see* Fixed oils
mineral *see* Mineral oils
nonvolatile *see* Fixed oils
petroleum *see* Petroleum oils
saponifying *see* Fixed oils
vegetable *see* Fixed oils
volatile *see* Essential oils
Oilskins *see* Water-repellent fabrics
Oil-soluble
paints *see* Paints
Oil-transfer
photography *see* Special-process photography
Ointments
pharmacology *see* Pharmacology
prac. pharmacy
med. sci. 615.45
vet. sci.
gen. wks. 636.089+
see also spec. animals
Oise France *area* –443 5
Oita Japan *area* –522
Ojibway *see* Algonkian-Mosan
Okaloosa Co. Fla. *area* –759 98
Okanagan River B.C. *area* –711 42
Okanogan Co. Wash. *area* –797 28
Okapis
conservation 639.97+
culture 636.294
hunting
industries 639.11+
sports 799.27+
see also Cervoidea
Okayama Japan *area* –521 9
Okeechobee (lake) Fla. *area* –759 39
Okeechobee Co. Fla. *area* –759 53
Okefenokee Swamp
gen. wks. *area* –758 75
see also other areas
Okfuskee Co. Okla. *area* –766 73
Okhotsk Sea *see* Pacific Ocean
Oklahoma (state) ***area* –766**
Oklahoma Co. Okla. *area* –766 38
Okmulgee Co. Okla. *area* –766 83

Okra
agriculture
economics 338.17+
technology **635.648**
food 641.35+
marketing 658.809+
processing *see spec. products*
see also Malvales
Oktibbeha Co. Miss. *area* –762 95
Olacaceae *see* Olacales
Olacales
botany 583.26
floriculture 635.933+
Old
age *see* Old-age
Catholic Church *see* Schismatic churches
Egyptian
ethnic groups *area* –174+
language **493.1**
lingual groups *area* –175+
see also other spec. subj.
English *see* Anglo-Saxon
Frisian *see* Germanic
Icelandic *see* Germanic
Low
Franconian *see* Germanic
German *see* Germanic
Norse *see* Germanic
Prussian
ethnic groups *area* –174+
language 491.91
lingual groups *area* –175+
see also other spec. subj.
Saxon *see* Germanic
Stone Age *see* Stone Age
Testament
apocrypha & pseudepigrapha **229**
gen. wks. **221**
theology
Christianity **230**
Judaism **296.3**
see also Scripture readings
Old-age
diseases *see* Geriatrics
groups *see* Aged people
insurance
govt. sponsored *see* Social security insurance
Old-age
insurance (continued)
voluntary *see* Annuities
pensions *see* Pension systems
Oldenburg Germany *area* –435
Oldham Co.
Ky. *area* –769 38
Tex. *area* –764 824
Olea
europaea *see* Olives
Oleaceae *see* Loganiales
Olefins
chemistry *see* Aliphatic compounds
textiles *see* Polymerization textiles
Oleomargarines *see* Fats
Oleovitamins *see* Vitamins
Olericulture *see* Garden crops
Olfactory
perception
animals †156.2+
gen. wks. †152.166
Oligarchy
pol. sci. 321.5
see also spec. areas
Oligocene
epoch *see* Cenozoic era
Oligochaeta
paleobotany 565.1
zoology 595.16
Oligomenorrhea *see* Menstruation disorders
Oligosaccharides *see* Sugars
Olimpo Paraguay *area* –892 2
Oliniaceae *see* Lythrales
Olive
trees
culture 635.977+
forestry 634.973+
see also Loganiales
Oliver Co. N.D. *area* –784 84
Olives
agriculture
economics 338.17+
technology **634.63**
food 641.34+
marketing 658.809+

Olives (continued)
processing *see spec. products*
see also Loganiales
Olivetans *see* Benedictines
Olivine
mineralogy 549.62
see also Semiprecious stones
Olmec *see* Miskito-Matagalpan
Olmsted Co. Minn. *area* –776 155
Olsztyn Poland *area* –†438 3
Oltenia Romania *area* –†498 4
Olympic Peninsula Wash. *area* –797 94
Olympic
games
customs 394.3
gen. wks. 796.48
management 658.91+
wrestling *see* Unarmed combat
Oman *area* –535
Omens *see* Divination
Omentum *see* Peritoneum
Omsk Siberia *area* –573
Onagraceae *see* Lythrales
Onchocerciasis *see* Nematoda infestations
Oncology
animals
vet. sci. 636.089+
zoology 591.2
see also spec. animals
man
medicine 616.992
pediatrics 618.92+
surgery **617**
plants
agriculture 632
botany 581.22
see also spec. plants
One-act
plays *see* Drama
Onega (lake) USSR *area* –472
Oneida Co.
Ida. *area* –796 41
N.Y. *area* –747 62
Wis. *area* –775 25
One-man
proprietorships *see* Proprietorships
Oneness *see* Unity
Onions *see* Alliaceous plants
Onionskin
papers *see* Paper products
Oniscoidea *see* Isopoda
Onondaga Co. N.Y. *area* –747 65
Onslow Co. N.C. *area* –756 23
Ontario (lake)
gen. wks. *area* –747 9
Ont. *area* –713 5
Ontario (province) *area* –713
Ontario Co.
N.Y. *area* –747 86
Ont. *area* –713 55
Ontology **111**
Ontonagon Co. Mich. *area* –774 985
Onychophora
culture 639.7
paleozoology 565.5
zoology 595.5
Onyx
building materials *see* Building stones
gems *see* Semiprecious stones
geology
gen. wks. 553.55
mineralogy 549.68
Oölites *see* Sedimentary rocks
Oophorectomies *see* Gynecology
Oophoroma *see* Gynecology
Opal
mineralogy 549.68
see also Semiprecious stones
Opalescence *see* Iridescence
Open
cities
aerial attack *see* Air warfare
fires
heating *see* Radiative heating
Opencut
mining *see* Strip mining
Open-loop
control systems
engineering
economics 338.47+
technology
gen. wks. 629.82
see also spec. branches

Open-loop (continued)
see also spec. applications
Open-pit
mining
gen. wks. 622.31
see also spec. ores
Open-shop
policies *see* Unions
Openwork
fabrics
crafts 746.22
manufacture
economics 338.47+
technology 677.653
marketing 658.809+
see also spec. applications
Opera
buildings *see* Recreation buildings
glasses
manufacture
economics 338.47+
technology 681.412
marketing 658.809+
see also spec. applications
music
gen. wks. 782.1
see also spec. mediums
see also Recreational activities
Operation
studies
production *see* Operational management
Operational
management
economics 338.47+
production tech. 658.53–.57
Operations
calculus
gen. wks. 517.7
see also *s.s.*–015+
methods *see* Operations research
research
gen. wks. 001.424
mathematics 519.92
production 658.51
see also *s.s.*–018 4
Operettas *see* Musical shows
Ophicleides *see* Horns (musical instruments)
Ophiocystiida *see* Ophiuroidea
Ophioglossales *see* Eusporangiated ferns
Ophiuroidea
culture †639.73+
paleozoology 563.94
zoology 593.94
Ophthalmological
nursing *see* Nursing
Ophthalmology *see* Ocular disorders
Opiliaceae *see* Olacales
Opinion
control *see* Opinion formation
formation
psychology 155.9
sociology 301.152 3
Opinions
groups *see* Public opinion
individuals †153.46
Opisthobranchia *see* Gastropoda
Opisthocoela *see* Anura
Opisthocomo
paleozoology 568.6
zoology 598.64
Opisthogoneata
paleozoology 565.6+
zoology 595.62
Opisthomi *see* Acanthopterygii
Opisthopora *see* Oligochaeta
Opisthoproctoidea *see* Isospondyli
Opland Norway *area* –482
Opossum
rats *see* Marsupials
shrimps *see* Mysidacea
Opossums *see* Marsupials
Optic
nerve
anatomy
animals
vet. sci. 636.089+
zoology 591.48
see also spec. animals
man 611.84

Optic
nerve (continued)
disorders
animals
vet. sci. 636.089+
zoology 591.2
see also spec. animals
man 617.73
physiology
animals
vet. sci. 636.089+
zoology 591.18
see also spec. animals
man 612.843
Optical
analysis
chemistry
gen. wks. 545.81
organic 547.35+
see also Instrumental analysis
crystallography
gen. wks. 548.9
see also spec. applications
illusions *see* Optics
metallography *see* Metallography
properties
crystals 548.9
materials
construction 691
engineering
gen. wks. 620.112 9
see also spec. branches
matter 535
see also Physical chemistry
rotation *see* Polarization
Optics
meteorology 551.565–.568
photography 770.153
physics **535**
physiology *see* Eyes
psychology
animals †156.2+
gen. wks. †152.14
Optimism
philosophy
ethics 179.9
Optimism
philosophy (continued)
gen. wks. 149.5
see also spec. philosophers
psychology *see* Emotions
Optometry
economics 338.47+
technology 617.75
Oracles *see* Divination
Oral
medication
med. sci. 615.61
vet. sci.
gen. wks. 636.089+
see also spec. animals
see also spec. diseases
teaching *see* Lecture method
Orange
Co.
Calif. *area* –794 96
Fla. *area* –759 24
Ind. *area* –772 27
N.Y. *area* –747 31
N.C. *area* –756 565
Tex. *area* –764 147
Vt. *area* –743 6
Va. *area* –755 37
Free State South Africa *area* –685
Orangeburg Co. S.C. *area* –757 79
Oranges
agriculture
economics †338.17+
technology †634.31
food †641.34+
marketing 658.809+
processing *see spec. products*
see also Rutales
Orangutans *see* Apes
Orâon *see* Dravidian
Orations *see* Speeches
Oratories *see* Chapels
Oratorios
sacred 783.3
secular 782.82
Oratory *see* Speeches
Orbit
celestial bodies *see* Orbits
eyes *see* Eye sockets

Orbital
rendezvous *see* Piloting
velocity
astronautics 629.411+
astronomy
gen. wks. 521.1
see also spec. heavenly bodies
physics 531.555 4
Orbits
astronautics 629.411+
astronomy
descriptive **523**
theoretical 521.3
Orchard
grass
agriculture
economics 338.17+
technology **633.22**
fodder
gen. wks. 636.086
see also spec. animals
processing *see spec. products*
see also Pooideae
Orchards
agriculture
economics **338.17+**
technology **634.1–.6**
products *see spec. products*
Orchestra
halls *see* Recreation buildings
Orchestral
music *see* Orchestras
Orchestras
music **785.1–.8**
performance **785.066**
Orchestrions *see* Mechanical musical instruments
Orchidaceae *see* Orchidales
Orchidales
botany 584.15
floriculture 635.934+
Orchids *see* Orchidales
Order
work
library functions 025.23
museum functions 069.51
see also other spec. organizations
Orderlies *see* Nursing

Ordnance (firearms) *see* Firearms
Ordnance
depots *see* Military buildings
factories *see* Military buildings
Ordovician
period *see* Paleozoic era
Ordu Turkey *area* –565
Orduña Spain *area* –466 9
Ore
concentration *see* Ore dressing
deposits *see* Ores
dressing
economics **338.27+**
technology **622.7**
elevators *see* Storage buildings
extraction *see* Mining
Orebro Sweden *area* –487
Oregon (state) ***area* –795**
Oregon Co. Mo. *area* –778 875
Orel RSFSR *area* –473 5
Orenburg RSFSR *area* –478 7
Orense Spain *area* –461 5
Ores
chem. analysis
gen. wks. 543.6
organic 547.33+
see also Blowpipe analysis
geology
gen. wks. **553.1**
see also spec. minerals
industries
extractive
economics **338.27+**
technology
metallurgy **669**
mining **622**
manufacturing *see spec. ind.*
metallurgy *see* Ores industries
mining *see* Ores industries
Organic
chemicals *see* Organic chemistry
chemistry
applied **661.8**

Organic
chemistry (continued)
pure **547**
see also spec. products
drugs
pharmacology
med. sci. **615.3**
vet. sci.
gen. wks. **636.089+**
see also spec. animals
see also spec. diseases
toxicology
med. sci. **615.95**
vet. sci.
gen. wks. **636.089+**
see also spec. animals
evolution
animals 591.38
gen. wks. **575**
man **†573.2**
plants 581.38
see also other spec. organisms
fertilizers
agriculture
gen. wks. **631.86–.87**
see also spec. crops
manufacture
economics **338.47+**
technology **668.63**
marketing 658.809+
mental diseases *see* Neurological diseases
psychoses *see* Psychoses
salts *see* Salts
Organismic
psychology *see* Functionalism
Organization
of American States
gen. wks. 341.18+
see also spec. services
Organizational
units
mil. sci.
gen. wks. 355.31
see also spec. mil. branches
see also Combat units

Organizations
employee *see* Employer-employee relationships
gen. wks. **†060**
international peace 341.11
religion *see* Religious organizations
social & welfare **366–369**
sociology *see* Behavior-groups
students
gen. wks. **371.83–.85**
see also spec. levels of ed.
see also ***s.s.*–06**
Organotherapy *see* Endocrine drugs
Organs (instruments)
manufacture
economics 338.47+
technology 681.81+
music 786.6
Orient ***area* –5**
Oriental
churches
religion 281.5
see also Church buildings
sores *see* Protozoan infections
Orientational
perceptions *see* Proprioceptive perceptions
Origami *see* Paper sculpture
Origin
of species *see* Organic evolution
Original
sin *see* Sins
Orinoco River
gen. wks. ***area* –87**
see also other areas
Orissa India *area* –541 3
Oriya *see* Prakrits
Orkney Isls. *area* –411 2
Orléanais France ***area* –445**
Orleans
Co.
N.Y. *area* –747 91
Vt. *area* –743 2
Par. La. ***area* –763 35**
Ormsby Co. Nev. *area* –793 57

Ornamental
fishes *see* Aquarium fishes
plants
botany **581**
landscaping **712–716**
see also Floriculture
shrubs *see* Shrubs
stones
building materials *see* Building stones
gems *see* Semiprecious stones
trees *see* Trees
woodwork
crafts *see* Woodcrafts
decoration *see* Trims
Ornaments
landscape *see* Landscape architecture
musical *see* Embellishment
personal *see* Costume
Orne France *area* –442 3
Ornithischia *see* Archosauria
Ornithology *see* Aves
Ornithopters *see* Heavier-than-air aircraft
Ornithosis *see* Zoogenous diseases
Orobanchaceae *see* Personales
Orology *see* Mountains
Orphan
asylums *see* Orphanages
Orphanage
buildings *see* Welfare buildings
Orphanages
management 658.91+
services 362.732
Orphans
gen. wks. *see* Children
survivors *see* Survivors
Orpiment
mineralogy 549.32
see also Arsenic geology
Orreries *see* Planetariums
Orthochromatic
photography *see* Monochrome photography
Orthoepy *see* Phonology
Orthogenesis *see* Organic evolution
Orthogonal
expansions *see* Harmonics
Orthography *see* Spelling
Orthopedic
appliances
manufacture
economics 338.47+
technology 681.7
marketing 685.809+
medicine *see* Orthopedic surgery
see also spec. applications
braces
gen. wks. *see* Orthopedic appliances
legs *see* Orthopedic footwear
footwear
manufacture
economics 338.47+
technology 685.38
marketing 658.809+
see also spec. applications
medicine *see* Orthopedic surgery
nursing *see* Nursing
surgery
gen. wks. **617.3**
vet. sci. **636.089+**
see also Teratology
Orthoptera
paleozoology 565.72
zoology 595.726
Orthopters *see* Heavier-than-air aircraft
Orthoptics *see* Ocular neuromuscular disorders
Orthorrhapha
paleozoology 565.77
zoology 595.771
Oruro Bolivia *area* –841
Oryza
sativa *see* Rice
Oryzeae *see* Pooideae
Osage Co.
Kan. *area* –781 64
Mo. *area* –778 58
Okla. *area* –766 25
Osaka Japan *area* –521 8
Osborne Co. Kan. *area* –781 215
Oscan *see* Osco-Umbrian

Osceola Co.
Fla. *area* –759 25
Ia. *area* –777 116
Mich. *area* –774 69
Oscillations
electronics *see* Circuitry
mechanics
solids 531.32
see also spec. branches
see also spec. applications
Oscillatoriaceae *see* Cyanophyta
Oscillographs *see* Frequency meters
Oscoda Co. Mich. *area* –774 78
Osco-Umbrian
ethnic groups *area* –174+
languages 479.9
lingual groups *area* –175+
see also other spec. subj.
Osee (O.T.) *see* Minor prophets
Osier
fibers *see* Basketry fibers
Oslo Norway *area* –482
Osmanli *see* Turkic
Osmium
compounds
chemistry **546.641**
manufacture 661.06+
fabrication *see* Osmium industries
geology
gen. wks. †553.499
mineralogy
element 549.23
minerals *see spec. minerals*
industries
extractive
metallurgy 669.79
mining 622.349+
manufacturing
economics 338.47+
technology 673.79
metallography *see* Osmium properties
mineralogy *see spec. minerals*
mining *see* Osmium industries
products *see spec. subj.*
Osmium (continued)
properties
chemistry **546.641**
engineering 620.189 9
metallography 669.957+
see also Radiochemistry
Osmosis
gen. wks. *see* Transport phenomena
physiology *see* Physiology
Osmotic
pressure *see* Colligative properties
Osmundaceae *see* Filicales
Osorno Chile *area* –835
Ospreys *see* Hawks
Osseous
tissues *see* Histology
Ossetic *see* Iranian
Ossicles *see* Middle ear
Ostariophysi
paleozoology 567.5
zoology 597.52
Osteichthyes
paleozoology 567.4–.5
zoology **597.4–.5**
Osteitis *see* Bones
Osteocachexia *see* Bones
Osteochondritis *see* Bones
Osteoglossoidea *see* Isospondyli
Osteology *see* Bones
Osteoma *see* Bones
Osteomyelitis *see* Bones
Osteopathy
gen. wks. 615.533
see also spec. diseases
Ostergotland Sweden *area* –486
Ostfold Norway *area* –482
Ostracoda
culture 639.5
paleozoology 565.33
zoology 595.33
Ostriches
culture 636.6
hunting
industries 639.12+
sports 799.248+
see also Struthioniformes
Ostyak-Samoyed *see* Samoyedic
Oswego Co. N.Y. *area* –747 67

Otago N.Z. *area* –931 57
Otariidae
paleozoology 569.74
zoology 599.746
Otero Co.
Colo. *area* –788 95
N.M. *area* –789 65
Otides *see* Gruiformes
Otitis
externa *see* Auditory canal
media *see* Middle ear
Otoe Co. Neb. *area* –782 273
Otology *see* Ears
Otomanguean *see* Macro-Otomanguean
Otomycosis *see* Auditory canal
Otorhinolaryngology
gen. wks. **616.21**
surgery **617**
Otosclerosis *see* Internal ear
Otsego Co.
Mich. *area* –774 84
N.Y. *area* –747 74
Ottawa
Co.
Kan. *area* –781 26
Mich. *area* –774 15
O. *area* –771 21
Okla. *area* –766 99
River Can.
gen. wks. ***area* –713 8**
Que. ***area* –714 2**
Otter Tail Co. Minn. *area* –776 89
Otters *see* Mustelines
Ottoman Empire ***area* –496**
Ouachita
Co. Ark. *area* –767 66
Mts.
Ark. ***area* –767 4**
gen. wks. *area* –766 6
Par. La. *area* –763 87
River
gen. wks. ***area* –763 7**
see also other areas
Oulu Finland *area* –471 6
Ouray Co. Colo. *area* –788 22
Outagamie Co. Wis. *area* –775 39
Outbreeding *see* Genetics
Outbuildings *see* Farm buildings
Outcasts *see* Social classes
Outcrops
gen. wks. 551.85
see also spec. ores
Outdoor
furniture
arts **749**
home economics 645.8
manufacture
economics 338.47+
technology 684.18
games *see* Sports (recreation)
garments *see* Garments
life
description **910**
hygiene **613**
recreation **796.5**
meals
cookery 641.578
services 642.3
photography
gen. wks. **778.71**
see also spec. applications
Outdoor-sign
advertising
economics **338.47+**
technology **659.13**
Outer Mongolia *area* –517 3
Outer
house garments *see* Garments
space *see* Space (extraterrestrial)
Outlaws *see* Offenders
Outpatient
treatment *see* Medical centers
Output
analysis *see* Operations research
Ovarian
pregnancies *see* Extrauterine pregnancies
Ovaries
anatomy *see* Reproductive organs
diseases *see* Gynecology
physiology *see* Reproduction
Ovariotomies *see* Gynecology
Overcoats *see* Garments
Overijssel Netherlands *area* –492 1

Overpasses *see* Bridges
Overshot
wheels *see* Waterwheels
Over-the-counter
securities *see* Trading procedures
Overton Co. Tenn. *area* –768 68
Overtones *see* Audiology
Overtures *see* Orchestras
Overweight
people
cookbooks 641.563
hygiene 613.25
medicine *see* Nutritional diseases
see also Body contours
Oviedo Spain *area* –461 9
Ovogenesis *see* Germ cells
Ovulation *see* Reproduction
Owen Co.
Ind. *area* –772 43
Ky. *area* –769 39
Owenism *see* Ideal states
Owl Creek Mts. Wyo.
gen. wks. *area* –787 43
see also other areas
Owls
culture 636.686 9
hunting
industries 639.12+
sports 799.248+
see also Strigiformes
Owners'
liability
insurance *see* Liability insurance
Ownership
marks
husbandry *see* Branding
spec. items *s.s.*–027 7
Owsley Co. Ky. *area* –769 176
Owyhee Co. Ida. *area* –796 21
Oxalidaceae *see* Geraniales
Oxalis *see* Geraniales
Oxazines *see* Heterocyclic compounds
Oxazoles *see* Heterocyclic compounds
Oxdiazines *see* Heterocyclic compounds
Oxdiazoles *see* Heterocyclic compounds
Oxen *see* Cattle
Oxford Co.
Eng. *area* –425 7
Me. *area* –741 75
Ont. *area* –713 46
Oxidases *see* Enzymes
Oxidation
chem. tech.
gen. wks. 660.284 4+
see also spec. products
chemistry
inorganic 546.123
organic 547.23
Oxides
chemistry *see* Oxygen compounds
mineralogy
gen. wks. **549.5**
see also spec. minerals
Oxidimetry *see* Volumetric analysis
Oxidizing
enzymes *see* Enzymes
Oxycoccus *see* Cranberries
Oxygen
compounds
chemistry
inorganic **546.721**
organic **547.03**
manufacture
inorganic 661.07+
organic **661.82–.86**
pharmacology
gen. wks.
inorganic 615.2+
organic 615.3+
veterinary 636.089+
derivatives *see* Oxygen compounds
fabrication *see* Oxygen manufacturing
geology
gen. wks. 553
mineralogy 549
manufacturing
economics 338.47+
technology 665.823
mineralogy *see* Oxygen geology
products *see spec. subj.*

Oxygen (continued)
  properties
    chemistry **546.721**
    see also Radiochemistry
  therapy *see* Aerotherapeutics
Oxytetracycline *see* Antibiotics
Oxytocin *see* Endocrine drugs
Oyster
  catchers *see* Charadriiformes
  plants *see* Salsify
Oysters
  fisheries
    economics **338.372+**
    technology **639.41**
  food *see* Seafood
  marketing 658.809+
  processing *see spec. products*
  see also Pelecypoda
Ozalid
  process *see* Special-process photography
Ozark
  Co. Mo. *area* –778 835
  Plateau
    gen. wks. ***area* –767 1**
    Okla. ***area* –766 8**
Ozarks (lake) *see* Lake of the Ozarks
Ozaukee Co. Wis. *area* –775 92
Ozobrome
  process *see* Special-process photography
Ozocerite *see* Mineral waxes
Ozone *see* Oxygen
Ozotype
  process *see* Special-process photography

P

PABA *see* Vitamins
PAX *see* Private exchanges
PBX *see* Private exchanges
POW *see* War prisoners
Pacers *see* Race horses
Pachisi *see* Dice games
Pacific
  Coast states U.S. ***area* –79**
  Co. Wash. *area* –797 92
  Ocean
    geography
      gen. wks. **910.091+**
      physical **†910.02+**
    geology 551.465–.466
    isls. *see* Oceania
    regional history **909.09+**
    regional subj. treatment ***area* –166 5**
  region
    geography 910.091+
    history 909.09+
    subject treatment *area* –182 3
    see also spec. areas
Pacifism
  ethics **172**
  see also Peace movements
Pacing
  horses *see* Equestrian sports
Pack
  animals *see* Draft animals
Package
  research
    marketing *see* Market research & analysis
Packaged
  meals *see* Travel meals
Packaging *see* Shipment
Packed
  towers *see* Process equipment
Packers
  agriculture
    gen. wks. 631.36
    see also Packing crops
  manufacture
    economics 338.47+
    technology 681.7
  marketing 658.809+
Packing (operation) *see* Shipment
Packing
  crops
    gen. wks. 631.56
    see also spec. crops
Pacts *see* Treaties
Paddington London *area* –421 3
Paddlefishes *see* Acipsenseroidei

Paddling *see* Boating
Padova Italy *area* –453 2
Paenungulata
  paleozoology 569.6
  zoology **599.6**
Paeonia *see* Ranales
Page Co.
  Ia. *area* –777 78
  Va. *area* –755 94
Pageantry *see* Pageants
Pageants
  customs 394.5
  music 782.9
  performance **791.6**
  see also Water pageants
Paget's
  disease *see* Bones
Paging
  systems *see* Public address systems
Pagodas *see* Sacred places
Pahari *see* Prakrits
Pahlavi *see* Iranian
Paid
  announcements *see* Broadcast advertising
  vacations *see* Employment conditions
Pail
  systems *see* Unsewered structures
Pain
  perception *see* Cutaneous perceptions
  symptomatology *see* Symptomatology
Painless
  childbirth *see* Parturition
Paint
  shop practice *see* Surface finishing
Painted Desert Ariz.
  gen. wks. *area* –791 33
  see also other areas
Painted
  finches *see* Finches
  glass
    arts **748.5**
    technology *see* Surface finishing
Painting
  arts
    fine **751**
    minor
      ceramics 738.15
      glassware **748.5**
      metalwork 739.15
      see also other art forms
    study & teaching
      elementary ed. 372.52
      see also ***s.s.*–07**
  crafts
    gen. wks. 745.72
    interior decoration 747.3
    textiles 746.6
  industries *see* Surface finishing
  trades
    buildings
      economics **338.47+**
      technology **698.1**
      see also other spec. structures
    woodwork *see* Trims
  see also Graphic expressions
Paintings
  art **753–759**
  religion
    Christian 247.5
    gen. wks. 291.37
    see also other spec. rel.
Paints
  art materials
    gen. wks. 751.2
    see also spec. art forms
  manufacture
    economics **338.47+**
    technology **667.6**
  see also spec. applications
Pakistan ***area* –†549**
Palaces
  episcopal *see* Episcopal palaces
  official *see* Government buildings
  residential *see* Residential buildings
Palaeanodonta *see* Edentata
Palaeognathae
  paleozoology 568.5
  zoology **598.5**

Palaeoniscoidea *see* Holostei
Palates (anatomical) *see* Mouth
Palatinate Germany *area* –†434 3
Palau *see* Palladium alloys
Palawan Philippine Isls. *area* –914 4
Palencia Spain *area* –462 2
Paleobotany
  gen. wks. **561**
  see also ***s.s.*–015+**
Paleocene
  epoch *see* Cenozoic era
Paleogeography *see* Stratigraphy
Paleography
  gen. wks. 417.7
  see also spec. languages
Paleolithic
  Age *see* Stone Age
Paleontology
  gen. wks. **560**
  see also ***s.s.*–015+**
Paleosiberian
  ethnic groups *area* –174+
  languages 494.6
  lingual groups *area* –175+
  see also other spec. subj.
Paleozoic era
  geology **551.72–.75**
  paleontology 560.172
Paleozoology
  gen. wks. **560**
  see also ***s.s.*–015+**
Palermo Sicily *area* –458 23
Palestine
  ancient *area* –†33
  modern *area* –569 4–569 5
Pali *see* Prakrits
Palladiotype
  process *see* Special-process photography
Palladium
  alloys
    manufacture 673.79
    metallurgy 669.79
    properties
      chemistry **546.636**
      engineering 620.189 9
      metallography 669.957+
  compounds
    chemistry **546.636**
    manufacture 661.06+

Palladium (continued)
  fabrication *see* Palladium industries
  geology
    gen. wks. †553.499
    mineralogy
      element 549.23
      minerals *see spec. minerals*
  industries
    extractive
      metallurgy 669.79
      mining 622.349+
    manufacturing
      economics 338.47+
      technology 673.79
  metallography *see* Palladium properties
  mineralogy *see* Palladium geology
  mining *see* Palladium industries
  products *see spec. subj.*
  properties
    chemistry **547.636**
    engineering 620.189 9
    metallography 669.957+
    see also Radiochemistry
Pallas (planet) *see* Minor planets
Palletized
  cargo systems *see* Transportation services
Pallium *see* Insignias
Pall-mall *see* Mallet games
Palm Beach Co. Fla. *area* –759 32
Palm
  Sunday *see* Holy days
  trees
    culture 635.977+
    forestry 634.974+
    see also Palmales
Palmaceae *see* Palmales
Palmae *see* Palmales
Palmales
  botany 584.5
  floriculture 635.934+
  paleobotany 561.45
Palmer-Wasilla-Talkeetna election district Alaska *area* –798 3

Palmetto
  fibers *see* Basketry fibers
Palmettos *see* Palmales
Palmistry
  folklore 398.353
  occultism **133.6**
Palms *see* Palmales
Palmyra (ancient region) *area* –394
Palo Alto Co. Ia. *area* –777 155
Palo Pinto Co. Tex. *area* –764 552
Palouse River Wash.
  gen. wks. *area* –797 39
  see also other areas
Palpebral
  mechanism *see* Eyelids
Palpigradi
  paleozoology 565.4
  zoology 595.45
Pamir *see* Iranian
Pamlico
  Co. N.C. *area* –756 194
  Sound N.C. ***area* –756 1**
Pampas *see* Plains
Pamphlets
  advertising *see* Direct-mail advertising
  collections
    general **†080**
    see also ***s.s.*–08**
  library treatment †025.172
Pamphylia *area* –392 9
Panama (country) ***area* –862**
Panama Canal Zone *area* –863
Panay Philippine Isls. *area* –914 5
Panchromatic
  photography *see* Monochrome photography
Pancreas
  anatomy
    animals
      vet. sci. 636.089+
      zoology 591.43
      see also spec. animals
    man 611.37
  diseases *see* Pancreatic disorders
  physiology
    animals
      vet. sci. 636.089+
      zoology 591.13
      see also spec. animals
    man 612.34

Pancreatic
  disorders
    animals
      vet. sci. **636.089+**
      zoology 591.2
      see also spec. animals
    man
      medicine **616.37**
      pediatrics **618.92+**
      surgery **617.557**
  secretions *see* Pancreas
Pandaceae *see* Celastrales
Pandanaceae *see* Pandanales
Pandanales
  botany 584.61
  floriculture 635.934+
Pandas *see* Procyonines
Pandectae *see* Roman law
Pandemics *see* Epidemics
Pando Bolivia *area* –844
Panel
  heating *see* Radiant panel heating
Paneling *see* Trims
Panentheism
  philosophy 147
  religion
    gen. wks. 212.5
    see also spec. rel.
Pangolins *see* Edentates
Panhellenic
  societies *see* Organizations
Panic
  grass *see* Millets
Paniceae *see* Panicoideae
Panicoideae
  botany 584.92
  floriculture 635.934+
  see also Field crops
Panicum *see* Millets
Pannonia *area* –398
Panola Co.
  Miss. *area* –762 84
  Tex. *area* –764 187
Panoramas *see* Composite representation
Panoramic
  photography
    gen. wks. 778.36
    see also spec. applications

Panpsychism
philosophy
gen. wks. 141
metaphysics 122
see also Spiritualism
Pansies *see* Violales
Pantheism
philosophy **147**
religion
comparative 291.14
gen. wks. 212.5
see also spec. rel.
Pantodonta (Mammalia) 569.6
Pantodonta (Mollusca) *see* Pelecypoda
Pantomimes
music 782.9
performance 792.3
Pantopoda *see* Pycnogonida
Pantothenic
acid *see* Vitamins
Pantotheria
gen. wks. 569.18
see also *s.s.*–015+
Pantries *see* Rooms
Pants *see* Garments
Papacy
gen. wks. **262.13**
see also Apostolicity
Papain *see* Enzymes
Papal States *area* –456
Papal
bulls *see* Religious law
decrees *see* Religious law
powers *see* Papacy
Papaver
somniferum *see* Poppies
Papaveraceae *see* Rhoeadales
Papavers *see* Rhoeadales
Papaw
melons *see* Papayas
Papaws *see* Anonaceous fruits
Papayas
agriculture
economics 338.17+
technology **634.651**
food 641.34+
marketing 658.809+
processing *see spee. produets*
see also Cucurbitales
Paper
chromatography *see* Chromatographic analysis
flowers *see* Papercrafts
manufacture *see* Papermaking
money
collections **769.55**
economics 332.53
manufacture
art work **765**
printing 655.318
products
manufacture
economics **338.47+**
technology **676.28**
marketing **658.809+**
see also Converted paper products
sculpture †736.98
textiles
manufacture
economics 338.47+
technology 677.57
marketing 658.809+
see also spee. applieations
towels *see* Paper products
Paperback
editions
library treatment 025.17
publishing 655.573
Paperboard
manufacture
economics 338.47+
technology 676.288
marketing 658.809+
products *see* Converted paper products
Papercrafts
arts 745.54
industry
economics **338.47+**
technology **676.2–.3**
Paperhanging
economics 338.47+
technology 698.6
Papering *see* Paperhanging
Papermaking
economics **338.47+**
technology **676.22–.27**
Paphlagonia *area* –393 1

Papier-maché
crafts *see* Papercrafts
manufacture *see* Pulp products
Papilionaceae *see* Leguminosae
Papillitis *see* Optic nerve disorders
Papillons *see* Miniature dogs
Papineau Co. Que. *area* –714 227
Paprika *see* Peppers
Papua *area* –953
Papuan
ethnic groups *area* –174+
languages 499.12
lingual groups *area* –175+
see also other spee. subj.
Papular
eruptions
animals
gen. wks. **636.089+**
see also spee. animals
man
medicine **616.51**
pediatrics **618.92+**
see also Allergies
Pará Brazil *area* –811
Para-aminobenzoic acid *see* Vitamins
Parables
N.T.
gen. wks. **226.8**
see also Pseudepigrapha
see also Mythology
Parabolic
velocity *see* Escape velocity
Parachute
troops *see* Infantry
Parachuting
mil. sci. *see* Infantry
sports *see* Air sports
Parade
units *see* Organizational units
Parades
circus *see* Circuses
gen. wks. *see* Pageants
Paraffin
oils *see* Mineral oils
waxes
gen. wks. *see* Mineral waxes
Paraffin
waxes (continued)
petroleum *see* Petroleum products
Paraffins
compounds *see* Aliphatic compounds
minerals *see* Mineral waxes
Paraguarí Paraguay *area* –892 1
Paraguay *area* **–892**
Paraíba Brazil *area* –813
Parakeets *see* Budgerigars
Paralipomena *see* Chronicles (O.T.)
Parallax
correction 522.91
see also spee. celestial bodies
Parallel
bars *see* Recreational equipment
Parallel-bar
exercises *see* Gymnastics
Parallelism
philosophy 147
see also *s.s.*–01
Paralytics *see* Crippled
Paramagnetism *see* Magnetic properties
Paramecium *see* Ciliophora
Paraná (state) Brazil *area* –816
Paraná River
Brazil *area* –816
gen. wks. *area* –822
Paranoia *see* Psychoses
Paraphotic
phenomena
chemistry *see* Photochemistry
engineering
economics **338.47+**
technology **621.36**
physics **535**
see also spee. applieations
Paraplegics *see* Crippled
Parapsychology
gen. wks. **133**
see also Extrasensory perception
Parasitic
animals
agricultural pests **632.6**

Parasitic
animals (continued)
pathology *see* Parasitic diseases
zoology
ecology 591.55
see also spec. animals
diseases
animals
vet. sci. 636.089+
zoology 591.2
see also spec. animals
gen. wks. 574.2
man
medicine 616.96
pediatrics 618.92+
public health 614.55
plants
agriculture 632.3–.4
botany 581.23
see also spec. plants
plants
agricultural pests 632.52
botany
ecology 581.55
plant pathology 581.232
see also spec. plants
Parasitiformes *see* Acari
Parasmallpox *see* Eruptive fevers
Parasols *see* Umbrellas
Parasympathetic
nervous system
anatomy *see* Neuroanatomy
diseases *see* Neurological diseases
physiology *see* Neurophysiology
Parathyroid
drugs *see* Endocrine drugs
glands
anatomy
animals
vet. sci. 636.089+
zoology 591.44
see also spec. animals
man 611.44
diseases *see* Endocrine disorders
physiology *see* Endocrine glands
Paratroops *see* Infantry
Paratyphoid
fever *see* Salmonella diseases
Parazoa
culture †639.73
paleozoology 563
zoology 593
Parcel
post *see* Postal communication
Parcheesi *see* Dice games
Parchment
papers *see* Paper products
Pardons *see* Reformative measures
Parenchyma *see* Histology
Parenteral
medication
med. sci. 615.63
vet. sci.
gen. wks. 636.089+
see also spec. animals
see also spec. diseases
Parenthood
customs 392.3
ethics
philosophy 173
religion
Christian 241
see also other spec. rel.
psychology 155.646
sociology 301.427
Parents *see* Parenthood
Paresis *see* Psychoses
Pari mutuel *see* Gambling
Paridae
paleozoology 568.8
zoology 598.82
Parish
houses
architecture 726.4
construction 690.6+
interior decoration 747.8+
religion *see spec. rel.*
libraries *see* Religious organizations
missions *see* Spiritual renewal
societies *see* Religious organizations
welfare *see* Welfare services

Parishes
religion
church polity 262.22
govt. & admin. 254
see also Local governments
Park
Co.
Colo. *area* –788 59
Mont. *area* –786 66
Wyo. *area* –787 42
Range Colo.
gen. wks. *area* –788 66
see also other areas
Park
buildings
architecture 725.76
construction
economics 338.47+
technology 690.5+
see also Recreation buildings
Parke Co. Ind. *area* –772 465
Parker Co. Tex. *area* –764 553
Parking
aprons *see* Auxiliary pavements
areas
area planning 711.7
construction
economics 338.47+
technology 625.889
transportation services 388.33
Parks *see* Recreational land
Parkways *see* Trafficways
Parliament
buildings *see* Government buildings
Parliamentary
immunity *see* Political immunity
rules
pol. sci. 328.1
see also spec. applications
Parliaments *see* Legislative bodies
Parlor
magic *see* Magic arts
Parlors *see* Rooms
Parma Italy *area* –454 4
Parmer Co. Tex. *area* –764 836
Parochial
church *see* Parishes
Parochial (continued)
libraries *see* Religious organizations
school libraries *see* School libraries
schools
education *see* Church-supported schools
rel. training *see* Religious training
welfare *see* Welfare services
Paroles *see* Reformative measures
Parricide
ethics 179.7
see also Offenses
Parrot
fever *see* Zoogenous diseases
Parrots
culture 636.686 5
disease carriers *see* Disease carriers
hunting
industries 639.12+
sports 799.248+
see also Psittaciformes
Parry Sound District Ont. *area* –713 15
Parseeism *see* Zoroastrianism
Parsi *see* Iranian
Parsimony *see* Evils
Parsley
agriculture
economics 338.17+
technology 635.7
food 641.35+
marketing 658.809+
processing *see* spec. products
see also Umbelliflorae
Parsnips
agriculture
economics 338.17+
technology
field crops 633.44
garden crops 635.14
fodder
gen. wks. 636.086
see also spec. animals
food 641.35+
marketing 658.809+
processing *see* spec. products
see also Umbelliflorae

Parsonages
  architecture 726.9
  construction 690.6+
Part
  songs *see* Choral music
Parthenogenesis *see* Reproduction
Partially
  sighted
    people *see* Blind people
Particle
  acceleration
    engineering 621.48
    physics **539.73**
  detectors
    physics **539.77**
    see also spec. applications
Particles
  engineering
    gen. wks. 620.4
    see also spec. branches
  mechanics **†531.16**
  nuclear *see* Subatomic particles
  see also Particulates
Particular
  judgment *see* Judgment
Particulates
  air
    meteorology 551.511 3
    pub. health 614.712
  see also Aerosols
Parties *see* Entertainments
Partitions
  algebra *see* Numbers (symbols)
  structure *see* Walls
Partnership
  associations *see* Unincorporated companies
Partnerships
  economics 338.73
  management 658.04+
Partridges
  conservation 639.97+
  culture 636.5
  food *see* Poultry
  hunting
    industries 639.12+
    sports 799.248+
  see also Galli
Parturient
  paresis *see* Eclampsia
Parturition
  diseases *see* Dystocia
  management
    animals
      gen. wks. **636.089+**
      see also spec. animals
    man **618.4**
  physiology
    animals
      vet. sci. 636.089+
      zoology 591.16+
      see also spec. animals
    man 612.63
Party
  ballot *see* Ballot systems
  cookery *see* Special-purpose cookery
Parulidae
  paleozoology 568.8
  zoology 598.872
Parvobacteriaceae *see* Eubacteriales
Pascagoula River Miss.
  gen. wks. *area* –762 12
  see also other areas
Pascal's
  principle *see* Hydrostatics
Pasco, Peru *area* –852
Pasco Co. Fla. *area* –759 69
Pas-de-Calais France *area* –442 7
Pashto *see* Iranian
Pasquotank Co. N.C. *area* –756 14
Passaic
  Co. N.J. *area* –749 23
  River N.J.
    gen. wks. ***area* –749 3**
    see also other areas
Passementerie
  crafts 746.27
  manufacture
    economics 338.47+
    technology 677.76
  see also spec. applications
Passenger
  liners *see* Merchant ships
Passeriformes
  paleozoology 568.8
  zoology **598.8**
Passerine
  birds *see* Passeriformes

Passifloraceae *see* Passiflorales
Passiflorales
  botany 583.45
  floriculture 635.933+
Passion (emotion) *see* Emotions
Passion
  fruit
    agriculture
      economics 338.17+
      technology **634.425**
    food 641.34+
    processing *see spec. products*
    see also Passiflorales
  music *see* Penitential music
  plays *see* Drama
Passion of Jesus Christ
  gen. wks. **232.96**
  see also spec. aspects
Passionflowers *see* Passiflorales
Passionists
  history
    men 271.62
    women 271.979
  see also Religious congregations
Passover *see* Holy days
Passports
  laws †340
  pol. sci. 323.67
Pastas
  cookery
    commercial 664.65
    home 641.8
  manufacture
    economics 338.47+
    technology 664.755
  marketing 658.809+
Pastaza Ecuador *area* –866 4
Pasteboard *see* Paperboard
Pasteur
  vaccines *see* Serums
Pasteurella
  diseases
    animals
      vet. sci. **636.089+**
      zoology 591.2
      see also spec. animals
    man
      medicine **616.923**
Pasteurella
  diseases
    man (continued)
      pediatrics **618.929+**
      pub. health 614.5
Pasteuriaceae *see* Caulobacteriales
Pastinaca
  sativa *see* Parsnips
Pastoral
  counseling *see* Counseling
Pastors *see* Clergy
Pastries *see* Bakery products
Pasture
  grasses *see* Forage crops
  land *see* Grasslands
  legumes *see* Legumes
Patagonia Argentina *area* –827
Patchwork *see* Embroidery
Patella *see* Bones
Paten *see* Eucharistic vessels
Patent
  medicines
    govt. control
      gen. wks. †350.77
      see also spec. levels of govt.
    marketing 658.809+
    pharmacology
      animals
        gen. wks. 636.089+
        see also spec. animals
      man 615.886
Pathfinder Res. Wyo.
  gen. wks. *area* –787 86
  see also other areas
Pathogenic
  bacteria
    biology *see* Schizomycetes
    medicine *see* Medical bacteriology
  microorganisms
    biology 576.165
    medicine *see* Medical microbiology
  protozoa
    biology *see* Protozoa
    medicine *see* Medical protozoology

Pathogenic (continued)
rickettsiae *see* Rickettsiae
viruses
biology **576.64**
medicine *see* Medical virology
Pathological
psychology *see* Abnormal psychology
Pathology
animals
vet. sci. **636.089+**
zoology 591.2
gen. wks. 574.2
man
gen. wks. **616.07**
psych. effects †155.916
plants
agriculture **632**
botany **581.2**
Paths *see* Trafficways
Patiala & East Punjab States Union India *area* –†545 5
Patience (game) *see* Card games
Patience (virtue) *see* Virtues
Patinating *see* Decorative treatment
Patio
furniture *see* Outdoor furniture
lighting *see* Illumination
Patrick Co. Va. *area* –755 695
Patriotic
holidays *see* Holidays
societies
gen. wks. **369.1–.2**
see also spec. activities
songs *see* National songs
Patrol
craft *see* Government vessels
Pattern
lumber
manufacture
economics 338.47+
technology 674.43
see also spec. applications
Patternmaking
foundries
gen. wks. 671.23
see also spec. metals
Patternmaking (continued)
garment industries
commercial 687.102
domestic **646.4**
Patuxent River Md.
gen. wks. *area* –752 41
see also other areas
Paulding Co.
Ga. *area* –758 37
O. *area* –771 17
Pauline
epistles
liturgy
gen. wks. 264.3–.4
spec. denominations **264.01–.09**
N.T.
gen. wks. **227.1–.8**
see also Pseudepigrapha
Paupers *see* Poor people
Pauropoda
culture 639.7
paleozoology 565.6+
zoology 595.64
Pavements
engineering
economics **338.47+**
technology **625.8**
see also Trafficways
Pavia Italy *area* –452 9
Pawnee Co.
Kan. *area* –781 49
Neb. *area* –782 284
Okla. *area* –766 26
Pawnshops *see* Financial institutions
Pay
plans *see* Wages
Payette Co. Ida. *area* –796 24
Paymaster's
department *see* Payroll administration
Payne Co. Okla. *area* –766 34
Payroll
administration
business 658.321
government
gen. wks. 350.125
see also spec. levels of govt.
Paysandú Uruguay *area* –895 3

Pea
beans *see* Garden beans
Peace River (Can.)
B.C. *area* –711 1
gen. wks. *area* –712 31
Peace River (Fla.)
gen. wks. *area* –759 57
see also other areas
Peace
corps
soc. planning *see* Planning
spec. operations *see spec. subj.*
movements
international law **341.1**
religion
Christian †261.873
see also other spec. rel.
Peach Co. Ga. *area* –758 556
Peaches
agriculture
economics †338.17+
technology **†634.25**
food †641.34+
marketing 658.809+
processing *see spec. products*
see also Rosales
Peacocks *see* Peafowl
Peafowl
conservation 639.97+
culture 636.595
food *see* Poultry
hunting
industries 639.12+
sports 799.248+
see also Galli
Peahens *see* Peafowl
Peanuts
agriculture
economics 338.17+
technology
field crops **633.368**
garden crops **635.659 6**
fodder
gen. wks. 636.086
see also spec. animals
food 641.35+
marketing 658.809+
processing *see spec. products*
see also Leguminosae
Pearl River, Miss.-La.
gen. wks. ***area* –762 5**
see also other areas
Pearl River Co. Miss. *area* –762 15
Pearl
oysters *see* Oysters
Pears
agriculture
economics 338.17+
technology **634.13**
food 641.34+
marketing 658.809+
processing *see spec. products*
see also Rosales
Peas *see* Garden peas
Peasant
art *see* Folk art
Peasants *see* Social classes
Peat
coal *see* Coals
mosses
soil conditioners 631.826
see also Sphagnales
soil conditioners *see* Soil conditioners
Peau
de soie *see* Silk textiles
Pecans *see* Hickory nuts
Peccaries
conservation 639.97+
culture 636.9+
hunting
industries 639.11+
sports 799.27+
see also Suiformes
Pecopteris
gen. wks. 561.597
see also *s.s.*–015+
Pecos
Co. Tex. *area* –764 923
River
gen. wks. ***area* –†764 9**
N.M. ***area* –789 4**
Pectins *see* Polysaccharides
Pedaliaceae *see* Personales
Pedalion *see* Religious law
Pedalium *see* Personales
Peddling *see* Salesmanship
Pederasty
crime *see* Offenses
sex *see* Sexual disorders

Pedestals *see* Columnar constructions
Pedestrian
  pavements *see* Sidewalks
Pedestrianism *see* Outdoor life
Pediatric
  hygiene *see* Pediatrics
  medicine *see* Pediatrics
  nursing *see* Nursing
  surgery *see* Pediatrics
Pediatrics
  hygiene 613.972
  medicine
    gen. wks. 618.92
    surgery 617.98
  therapeutics 615.542
Pediculati *see* Acanthopterygii
Pediculidae *see* Lice
Pedicure
  tools *see* Personal grooming equipment
Pedicuring
  customs 391.6
  technology 646.727
Pedigrees
  stockbreeding
    gen. wks. 636.082 2
    see also spec. animals
  see also Genealogy
Pediments *see* Roof structures
Pedology (child study) *see* Children
Pedology (soils) *see* Soils
Pee Dee River
  gen. wks. *area* **–757 6**
  see also other areas
Peebles Scotland *area* –414 6
Peel Co. Ont. *area* –713 535
Peerage *see* Aristocracy
Pegmatite
  dikes *see* Dikes (geology)
Peking China *area* –511 56
Pekingese
  dogs *see* Miniature dogs
Pelagianism *see* Heresies
Pelagic
  birds
    conservation 639.97+
    culture 636.6
Pelagic
  birds (continued)
    hunting
      industries 639.12+
      sports 799.248+
    see also Procellariiformes
Pelecani *see* Pelecaniformes
Pelecaniformes
  paleozoology 568.4
  zoology 598.43
Pelecypoda
  culture 639.4
  paleozoology 564.1
  zoology 594.1
Pelicans
  conservation 639.97+
  culture 636.6
  hunting
    industries 639.12+
    sports 799.248+
  see also Pelecaniformes
Pella Greece *area* –495 6
Pellagra *see* Nutritional diseases
Pelmatozoa *see* Echinodermata
Peloncillo Mountains N.M.
  gen. wks. *area* –789 693
  see also other areas
Peloponnesus Greece
  ancient *area* –386
  modern *area* –495 2
Pelota *see* Racket games
Pelts
  processing
    fur *see* Fur processing
    leather *see* Leather production
  see also spec. products
Pelvic
  girdle *see* Bones
Pelycosauria *see* Synapsida
Pembina Co. N.D. *area* –784 19
Pembroke Wales *area* –429 9
Pemiscot Co. Mo. *area* –778 996
Penaeaceae *see* Thymelaeales
Penal
  codes *see* Criminal law
  institution buildings *see* Prison buildings
  institutions *see* Prisons
Penalties *see* Punishments
Penance *see* Sacraments

Penances
  comparative religion 291.34
  see also spec. rel.
Pencils
  mechanical
    manufacture
      economics 338.47+
      technology 688
    marketing 658.809+
  wood-cased *see* Wooden minor products
  see also spec. applications
Pend Oreille Co. Wash. *area* –797 21
Pendants *see* Jewelry
Pender Co. N.C. *area* –756 25
Pendleton Co.
  Ky. *area* –769 33
  W.Va. *area* –754 91
Pendulum
  motion *see* Oscillations
Penetrating
  radiation *see* Ionizing radiation
Penguins
  culture 636.6
  hunting
    industries 639.12+
    sports 799.248+
  see also Sphenisciformes
Penicillins *see* Antibiotics
Penicillium *see* Ascomycetes
Penis *see* Reproductive organs
Penitential
  music
    gen. wks. 783.27
    see also spec. mediums
Penitentiaries *see* Prisons
Penitentiary
  buildings *see* Prison buildings
Penmanship *see* Handwriting (skill)
Pennales *see* Bacillariophyceae
Pennington Co.
  Minn. *area* –776 965
  S.D. *area* –783 93
Pennsylvania *area* **–748**
Pennsylvanian
  period *see* Paleozoic era
Penobscot Co. Me. *area* –741 3
Penology *see* Prisons
Pens (enclosures) *see* Shelters
Pension
  systems
    business †658.325
    government
      gen. wks. 350.5
      see also spec. levels of govt.
    labor 331.252
    see also Insurance
Penstocks
  engineering
    economics 338.47+
    technology
      canals 627.135 2
      dams 627.882
  see also spec. applications
Pentateuch
  gen. wks. 222.1
  see also Pseudepigrapha
Pentecost *see* Holy days
Pentecostal
  Assemblies *see* Recent Christian sects
Pentlandite
  mineralogy 549.32
  see also Nickel geology
Pentodes *see* Electronic tubes
Pentosans *see* Polysaccharides
Pentstemons *see* Personales
Penutian *see* Macro-Penutian
Penza RSFSR *area* –478 3
Peonies *see* Ranales
Peons *see* Social classes
People's
  Party *see* Political parties
Peoria Co. Ill. *area* –773 52
Pepin (lake)
  gen. wks. *area* –776 13
  see also other areas
Pepin Co. Wis. *area* –775 47
Pepper
  East Indian *see* East Indian pepper
Pepper trees
  culture 635.977+
  forestry 634.973+
  see also Sapindales
Peppermint *see* Mint (plant)
Peppers
  agriculture
    economics 338.17+

Peppers
agriculture (continued)
technology
field crops 633.84
garden crops 635.643
food 641.35+
marketing 658.809+
processing *see spec. products*
see also Solanales
Peppertype
process *see* Special-process photography
Pepsin *see* Enzymes
Peptic
ulcers *see* Intestinal disorders
Peptides *see* Proteins
Peptones *see* Proteins
Peranemaceae *see* Euglenophyta
Perception
sensory †152.1
understanding †153.7
see also Cybernetics
Perceptual
processes *see* Perception
Perches
culture 639.37+
fishing
industries 639.27+
sports 799.17+
food
cookery 641.6+
gen. wks. 641.39+
see also Acanthopterygii
Perching
birds *see* Passeriformes
Percoidea *see* Acanthopterygii
Percomorph
liver oil *see* Fish-liver oils
Percussion
caps *see* Detonators
instruments
manufacture
economics 338.47+
technology 681.81+
music †789.01
Perdido River
gen. wks. *area* –761 21
see also other areas
Pere Marquette River Mich.
gen. wks. *area* –774 61
see also other areas
Perennials
botany 582.1
floriculture 635.932
landscaping 712–716
see also spec. plants
Perfectionism
philosophy 171.3
religion
Christian 241.4
see also other spec. rel.
Perforating-machinery
engineering
economics 338.47+
technology
gen. wks. 621.95
see also spec. branches
see also spec. applications
Performance (music) *see* Musical performance
Performance
bonds *see* Surety bonds
standards *see* Standardization
Performing
arts
gen. wks. †790.2
see also spec. activities
Perfume
plants
agriculture
economics 338.17+
technology 633.81
see also spec. plants
Perfumes
analysis
gen. wks. 543.4
organic 547.33+
manufacture
economics 338.47+
technology 668.54
marketing
services 380.145+
technology 658.809+
use
customs 391.63
hygiene 613.4
technology 646.72
Pericardium *see* Heart

Perichoechinoida *see* Echinoidea
Peridiniales *see* Pyrrophyta
Peridot *see* Olivine
Peridotites *see* Plutonic rocks
Perigee *see* Orbits
Perilymph *see* Internal ear
Perineum *see* Proctology
Periodic
law
chemistry 541.901
see also spec. applications
Periodical
advertising *see* Serial advertising
Periodicals *see* Serials
Periosteum *see* Histology
Periostitis *see* Bones
Peripheral
nervous system
anatomy *see* Neuroanatomy
diseases *see* Neurological diseases
physiology *see* Neurophysiology
vascular diseases *see* Vascular disorders
Perischoechinoida *see* Echinoidea
Periscopes *see* Range finders
Perissodactyla
paleozoology 569.72
zoology **599.72**
Peritoneal
disorders
animals
vet. sci. 636.089+
zoology 591.2
see also spec. animals
man
medicine 616.38
pediatrics 618.92+
surgery 617.558
medication *see* Membrane medication
Peritoneum
anatomy
animals
vet. sci. 636.089+
zoology 591.43
see also spec. animals
Peritoneum
anatomy (continued)
man 611.38
diseases *see* Peritoneal disorders
physiology
animals
vet. sci. 636.089+
zoology 591.13
see also spec. animals
man 612.3
Peritonitis
gen. *see* Peritoneal disorders
puerperal
animals
vet. sci. 636.089+
zoology 599.02
see also spec. animals
man 618.73
Peritricha *see* Ciliophora
Periuterine
diseases
animals
vet. sci. 636.089+
zoology 599.02
see also spec. animals
man 618.13
Perjury *see* Offenses
Perkinism *see* Quackery
Perkins Co.
Neb. *area* –782 88
S.D. *area* –783 45
Perm RSFSR *area* –478 7
Permafrost *see* Frost
Permanent
hair waves *see* Hairdressing
way *see* Railroads
Permeability
magnetism 538.4
mechanics *see* Transport phenomena
Permian
language *see* Finnic
period *see* Paleozoic era
Permutations
algebra *see* Combinatory algebra
Pernambuco Brazil *area* –813
Pernicious
anemias *see* Blood diseases

Peronosporales
  botany 589.252
  culture 635.939+
  paleobotany 561.92
Peroxidation *see* Oxidation
Perquimans Co. N.C. *area* –756 144
Perry Co.
  Ala. *area* –761 44
  Ark. *area* –767 39
  Ill. *area* –773 93
  Ind. *area* –772 29
  Ky. *area* –769 17
  Miss. *area* –762 175
  Mo. *area* –778 694
  O. *area* –771 59
  Pa. *area* –748 45
  Tenn. *area* –768 38
Perry *see* Wines
Persea gratissima *see* Avocados
Persecutions
  religion
    Christian church hist. **272**
    gen. wks. 291.7
    see also other spec. rel.
  see also hist. of spec. countries
Pershing Co. Nev. *area* –793 53
Persia *see* Iran
Persian Gulf *see* Indian Ocean
Persian (subject) *see* Iranian
Persimmons
  agriculture
    economics 338.17+
    technology 634.45
  food 641.34+
  marketing 658.809+
  processing *see spec. products*
  see also Ebenales
Person Co. N.C. *area* –756 57
Personal
  agency performance *see* Trust services
  appearance
    ethics 177.4
    grooming *see* Personal grooming
  bibliographies 012
  cleanliness *see* Personal grooming
Personal (continued)
  equation
    corrections
      gen. wks. 522.97
      see also spec. celestial bodies
    machines
      astronomy 522.54
      manufacture
        economics 338.47+
        technology 681.2
  finance *see* Finance
  God *see* God
  grooming
    customs **391.5–.6**
    equipment
      manufacture
        economics 338.47+
        technology 688.5
      see also spec. applications
    hygiene **613.4**
    technology **646.7**
  identity *see* Personality
  income
    economics
      gen. wks. 339.41
      see also spec. elements
    see also spec. aspects
  income taxes *see* Taxation
  liability
    insurance *see* Liability insurance
  liberty *see* Civil rights
  loan institutions *see* Financial institutions
  loans *see* Credit
  names
    genealogy 929.4
    see also *s.s.*–092
  property
    law *see* Private law
    taxes *see* Taxation
  religion
    Christian **248**
    gen. wks. **291.4**
    see also other spec. rel.
  selling *see* Salesmanship
  well-being
    hygiene **613**
    pseudopsychology **131.3**

Personales
  botany 583.8
  floriculture 635.933+
Personalism
  philosophy 141.5
  see also Personality
Personality
  metaphysics 126
  pseudopsychology **137**
  psychology
    children †155.418
    gen. wks. **†155.2**
  religion
    Christian 233
    gen. wks. 291.22
    see also other spec. rel.
Personality-disorders
  med. sci.
    gen. wks. **616.858**
    pediatrics **618.92+**
  psychology
    gen. wks. **†157.7**
    pedology †155.45+
  see also Mental hygiene
Personnel
  domestic *see* Domestic employees
  management
    business
      executive †658.407
      staff **†658.3**
    government
      gen. wks. **350.1**
      see also spec. levels of govt.
  mil. structure
    gen. wks. **355.33**
    see also spec. mil. branches
  selection *see* Recruitment
  see also Office personnel
Perspective
  arts
    gen. wks. 701.8
    see also spec. art forms
  geometry
    gen. wks. 515.6
    see also *s.s.*–015+
  see also Composition
Persuasion
  logic 168
  psychology †153.852
Persuasion (continued)
  sociology **301.152**
Perth Co.
  Ont. *area* –713 23
  Scotland *area* –413 2
Perturbations
  astronomy
    descriptive **523**
    theoretical 521.4
  see also *s.s.*–015+
Pertussis *see* Respiratory diseases
Peru ***area* –85**
Perugia Italy *area* –456 51
Perverts *see* Sexual disorders
Pesach *see* Holy days
Pesaro e Urbino Italy *area* –456 77
Pescara Italy *area* –457 17
Pessimism
  philosophy
    gen. wks. 149.6
    see also spec. philosophers
  psychology *see* Emotions
Pest
  control
    agriculture
      animals 636.083
      plants **632.9**
      see also spec. organisms
    biology
      animals 591.2
      gen. wks. 574.2
      plants 581.28
      see also spec. organisms
    med. sci.
      animals
        gen. wks. **636.089+**
        see also spec. animals
      man **614.43**
    technology
      engineering 628.96
      home economics 648.7
Pesticides
  chem. analysis
    gen. wks. 543.5
    organic 547.33+
  manufacture
    economics **338.47+**
    technology **668.65**
  marketing 658.809+
  see also Pest control

Pestilential
cholera *see* Enteric diseases
Pest-resistant
construction *see* Resistant construction
Pests
agriculture
gen. wks. **632.5–.7**
see also spec. crops
biology
botany **581.6**
gen. wks. 574.6
zoology **591.6**
see also Pest control
Pet
foods *see* Special-purpose cookery
Peter (N.T.) *see* Catholic epistles
Peterborough, Eng. *area* –425 5
Peterborough Co. Ont. *area* –713 67
Petermanniaceae *see* Alstroemeriales
Petersburg Va. *area* –755 581
Petition
rights *see* Civil rights
Petrels *see* Pelagic birds
Petrified Forest Nat. Monument Ariz.
gen. wks. *area* –791 37
see also other areas
Petrified
wood *see* Paleobotany
Petrography *see* Petrology
Petrolatums *see* Petroleum products
Petroleum Co. Mont. *area* –786 28
Petroleum
by-products *see* Petroleum products
coke *see* Petroleum products
derivatives
chemistry 547.83
manufacture
economics 338.47+
technology 661.804
pharmacology
gen. wks. 615.31+
veterinary 636.089+
see also spec. products
Petroleum (continued)
oils
geology 553.282
industries
extractive
economics 338.27+
technology 622.33+
processing
economics **338.47+**
technology **665.5**
mining *see* Petroleum oils industries
refining *see* Petroleum oils industries
technology *see* Petroleum oils industries
see also spec. applications
pitch *see* Petroleum products
products
manufacture
economics **338.47+**
technology **665.538**
see also Petroleum derivatives
Petrology
gen. wks. **552**
see also spec. aspects
Petrosaviaceae *see* Alismatales
Pets
culture 636.088 7
see also spec. animals
Pettis Co. Mo. *area* –778 48
Petunias *see* Solanales
Pews *see* Sacred furniture
Pewter *see* Tin alloys
Pfaffian
forms *see* Invariants
Phaeophyta
botany 589.45
culture 635.939+
paleobotany 561.93
Phaëthontes *see* Pelecaniformes
Phagedenic
ulcers *see* Skin disorders
Phages *see* Viruses
Phalangers *see* Marsupials
Phalanges *see* Bones
Phalangida
paleozoology 565.4
zoology 595.43

Phalansterianism *see* Ideal states
Phalarideae *see* Pooideae
Phalaropes *see* Charadriiformes
Phallales *see* Lycoperdales
Phanerogamia *see* Spermatophyta
Phanerozonea *see* Asteroidea
Phantoms *see* Ghosts
Pharmaceutical
chemistry
med. sci. **†615.19**
vet. sci.
gen. wks. **†636.089+**
see also spec. animals
Pharmaceuticals *see* Pharmacology
Pharmacodynamics
med sci. **615.7**
vet. sci.
gen. wks. **636.089+**
see also spec. animals
Pharmacognosy *see* Botanical drugs
Pharmacology
govt. control
gen. wks. †350.77
see also spec. levels of govt.
med. sci.
animals
gen. wks. **636.089+**
see also spec. animals
man **615.1–.3**
pub. health
animals
gen. wks. **636.089+**
see also spec. animals
man **614.35**
Pharmacopoeias
animals
gen. wks. **636.089+**
see also spec. animals
man **615.11**
Pharmacy
gen. wks. *see* Pharmacology
practical *see* Practical pharmacy
Pharyngeal
diseases
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.32**
pediatrics **618.92+**
surgery **617.532**
Pharyngobdellida *see* Hirudinea
Pharynx
anatomy
animals
vet. sci. 636.089+
zoology 591.43
see also spec. animals
man 611.32
diseases *see* Pharyngeal diseases
physiology
animals
vet. sci. 636.089+
zoology 591.13
see also spec. animals
man 612.215
Phase
changes
chemistry
gen. wks. 541.363
organic 547.1+
technical 660.29+
engineering *see spec. branches*
physics 536.401
converters *see* Alternating-current machinery
modulation *see* Circuitry
Phasemeters
engineering
economics 338.47+
technology 621.374 9
see also spec. applications
Phaseolus
limensis *see* Lima beans
vulgaris *see* Garden beans
Phasmatodea
paleozoology 565.72
zoology 595.724
Phasmidia *see* Nematoidea

Pheasants
  conservation 639.97+
  culture 636.594
  food *see* Poultry
  hunting
    industries 639.12+
    sports 799.248+
  see also Galli
Phelps Co.
  Md. *area* –778 594
  Neb. *area* –782 39
Phenacite
  mineralogy 549.62
  see also Semiprecious stones
Phenolics *see* Polymerization plastics
Phenols
  chemistry 547.632
  manufacture
    economics **338.47+**
    technology **661.82**
  pharmacology
    gen. wks. **615.3**
    veterinary **636.089+**
  see also spec. products
Phenomenalism *see* Existentialism
Phenomenology *see* Existentialism
Phenotypes *see* Genetics
Philadelphia Pa. *area* –748 11
Philanthropy
  ethics †177.7
  religion
    Christian 241.4
    see also other spec. rel.
  welfare *see* Welfare services
Philately *see* Postage stamps
Philemon (N.T.) *see* Pauline epistles
Philesiaceae *see* Alstroemeriales
Philippians (N.T.) *see* Pauline epistles
Philippine Isls. *area* –914
Philippine
  sisal *see* Hemp plants
Phillips Co.
  Ark. *area* –767 88
  Colo. *area* –788 77
  Kan. *area* –781 17
  Mont. *area* –786 16
Philodendrons *see* Arales
Philology *see* Linguistics
Philosopher's stone
  chemistry *see* Alchemy
  folklore *see* Imaginary minerals
Philosophy
  gen. wks. **100**
  see also **s.s.–01**
Philydraceae *see* Haemodorales
Phlebitis *see* Vascular diseases
Phleum *see* Timothy
Phloem *see* Circulatory organs
Phlogiston *see* Alchemy
Phlorina Greece *area* –495 6
Phlox *see* Polemoniales
Phobias *see* Hysterias
Phocidae
  paleozoology 569.74
  zoology 599.748
Phocis Greece
  ancient *area* –383
  modern *area* –495 1
Phoenicia *area* –394 4
Phoenician *see* Canaanite-Phoenician
Phoenicopteri *see* Ciconiiformes
Phoenix Isls. *area* –968 1
Phoenix
  dactylifera *see* Dates (fruit)
Phoenixes *see* Imaginary animals
Pholidophoroidea *see* Holostei
Pholidota *see* Edentata
Phonemics *see* Phonology
Phonetic
  shorthand systems
    bus. tech. **653.423–.428**
    see also spec. applications
Phonetics *see* Phonology
Phonograph
  records *see* Recordings
Phonographs
  gen. wks. *see* Electroacoustical devices
  teaching aids *see* Audio-visual materials
Phonology
  gen. wks. †414

Phonology (continued)
  study & teaching
    elementary ed. †372.62
    see also **s.s.–07**
  see also spec. languages
Phonorecords *see* Electroacoustical devices
Phoronidea
  culture †639.75+
  paleozoology 565.1
  zoology 595.176
Phororhaci *see* Gruiformes
Phosphatases *see* Enzymes
Phosphates
  chemistry *see* Phosphorus compounds
  fertilizers *see* Phosphorus fertilizers
  minerals *see* Phosphorus geology
Phosphides *see* Phosphorus compounds
Phosphines *see* Phosphorus compounds
Phosphites *see* Phosphorus compounds
Phosphoniums *see* Phosphorus compounds
Phosphoproteins *see* Proteins
Phosphor
  bronze *see* Copper alloys
Phosphorescence
  biology
    gen. wks. 574.57
    see also spec. branches
  crystallography 548.9
  mineralogy 549.125
  physics 535.35
Phosphoric
  acids
    compounds *see* Phosphorus compounds
    fertilizers *see* Phosphorus fertilizers
    gen. wks. *see* Phosphorus compounds
Phosphorous *see* Phosphorus compounds
Phosphorus
  compounds
    chemistry
      inorganic **546.712**
      organic **547.07**
    manufacture
      inorganic **661.07+**
      organic **661.87**
    pharmacology
      gen. wks.
        inorganic **615.2+**
        organic **615.3**
      veterinary
        gen. wks. **636.089+**
        see also spec. animals
  fabrication *see* Phosphorus industries
  fertilizers
    agriculture
      gen. wks. 631.85
      see also spec. crops
    manufacture
      economics 338.47+
      technology 668.62+
    marketing 658.809+
  geology
    gen. wks. **553.6**
    mineralogy
      gen. wks. 549.72
      see also spec. minerals
  industries
    manufacturing
      economics 338.47+
      technology 661.1
    mining
      economics **338.27+**
      technology **622.36+**
  metabolism *see* Macronutrient elements
  mineralogy *see* Phosphorus geology
  mining *see* Phosphorus industries
  products *see spec. subj.*
  properties
    chemistry **546.712**
    engineering 620.19
    see also Radiochemistry
Phosphorylases *see* Enzymes

Photoalgraphy *see* Photomechanical printing
Photoaluminography *see* Photomechanical printing
Photoceramic
  process *see* Special-process photography
Photochemistry
  gen. wks. **541.35**
  organic **547.1+**
  technical **660.29+**
Photochromolithography *see* Photomechanical printing
Photochromometallography *see* Photomechanical printing
Photocollotype
  printing *see* Photomechanical printing
Photoconductivity *see* Photoelectric effects
Photocopying *see* Photoduplication
Photoduplication
  photography **778.1**
  see also Duplication
Photoelasticity
  crystallography 548.9
  materials
    gen. wks. †620.112 9
    see also spec. kinds
  physics 535.4
Photoelectric
  effects
    engineering
      gen. wks. 621.381 53
      see also spec. applications
    physics 537.54
  tubes *see* Photoelectric effects
Photoemissivity *see* Photoelectric effects
Photoenamel
  process *see* Special-process photography
Photoengraving *see* Photomechanical printing
Photoetching *see* Photomechanical printing
Photogrammetry
  gen. wks. **526.982**
  military 623.72
  see also other spec. applications
Photographic
  chemicals
    manufacture
      economics †338.47+
      technology †661.808
    photography **771.5**
  films *see* Photosensitive surfaces
  projection
    gen. wks. 778.2
    see also *s.s.*–020 8
  surveying *see* Photogrammetry
Photographs
  collections *see* Prints
  see also *s.s.*–†022
Photography
  art **770**
  astronomy 522.63
  see also other spec. applications
Photogravure
  printing *see* Photomechanical printing
Photoheliographs *see* Spectroheliographs
Photointaglio printing *see* Photomechanical printing
Photolithography *see* Photomechanical printing
Photomechanical
  engraving *see* Photomechanical printing
  printing
    economics **338.47+**
    technology **655.32**

Photometallography *see* Photomechanical printing
Photometers
  manufacture
    economics 338.47+
    technology 681.415
  marketing 658.809+
  photography *see* Cameras
  physics 535.33
  see also spec. applications
Photometric
  analysis *see* Optical analysis
Photometry
  astronomy **522.62**
  physics **535.2**
  see also spec. applications
Photomicrography
  biology 578.46
  gen. wks. 778.311
  see also other spec. applications
Photon
  rockets *see* Rocket engines
Photonastic
  movements *see* Motor functions
Photons *see* Subatomic particles
Photo-offset
  printing *see* Photomechanical printing
Photoplays *see* Drama
Photorelief
  printing *see* Photomechanical printing
Photosensitive
  surfaces
    manufacture
      economics †338.47+
      technology †661.808
    photography **771.53**
Photostat
  production *see* Photoduplication
Photosynthesis
  botany
    gen. wks. 581.133 42
    see also spec. plants
  chemistry *see* Photochemistry
Phototelegraphy *see* Telecommunication
Phototherapies
  animals
    gen. wks. **636.089+**
    see also spec. animals
  man **615.831**
  see also spec. diseases
Phototubes *see* Photoelectric effects
Photovoltaic
  cells *see* Photoelectric effects
Photovoltaism *see* Photoelectric effects
Photozincography *see* Photomechanical printing
Photronic
  cells *see* Photoelectric effects
Phrase
  books *see* Applied linguistics
Phreatoicidea *see* Isopoda
Phrenology *see* Craniology
Phrygia *area* –392 6
Phrymaceae *see* Lamiales
Phrynophiurida *see* Ophiuroidea
Phthietis Greece *area* –495 1
Phycology *see* Algae
Phycomycetes
  botany **589.25**
  paleobotany 561.92
Phylactolaemata
  culture 639.48+
  paleozoology 564.7
  zoology 594.72
Phyllites *see* Metamorphic rocks
Phyllocladaceae *see* Coniferales
Phyllonites *see* Metamorphic rocks
Phyllosilicates
  mineralogy 549.67
  see also spec. minerals
Phylogeny *see* Organic evolution
Physical
  allergies *see* Allergies

Physical (continued)
anthropology
gen. wks. **573**
paleozoology 569.9
zoology 599.9
astronomy *see* Celestial mechanics
chemistry
gen. wks. **541.3**
organic **547.1+**
technical **660.29**
crystallography
gen. wks. **548.8**
see also spec. applications
education
gen. wks. **†613.7**
study & teaching
elementary ed. †372.86
see also *s.s.*–07
geodesy *see* Gravity determinations
geography
gen. wks. **†910.02**
moon *see* Selenography
see also spec. places
geology
gen. wks. **551**
see also spec. applications
medicine *see* Physical therapies
metallurgy
gen. wks. 669.94
see also spec. applications
mineralogy
gen. wks. **549.12**
see also spec. applications
optics
physics **535.2**
see also spec. applications
punishments *see* Punishments
sciences
gen. wks. 500.2
see also spec. sci.
therapies
animals
gen. wks. **636.089+**
see also spec. animals
man **615.8**
see also spec. diseases

Physical (continued)
transformations
chemistry
gen. wks. **541.36**
organic **547.1+**
technical **660.29+**
engineering
cryoscopic *see* Cryogenics
thermal *see* Thermology
meteorology **551.57**
physics **536.42–.44**
see also spec. applications
Physically
handicapped
children *see* Exceptional children
people *see* Disabled people
ill
people
med. treatment *see* Medical practice
welfare work *see* Medical social work
Physics
applied *see* Engineering (science)
celestial *see* Celestial mechanics
pure **530**
soils *see* Soils
see also Astrophysics
Physiocracy
economics *see* Economic systems
Physiognomy *see* Character analysis
Physiological
audition *see* Ears
optics *see* Eyes
psychology
animals **†156.2**
gen. wks. **†152**
Physiology
biology
animals **591.1**
gen. wks. **574.1**
plants **581.1**
see also spec. organisms
cells *see* Cytology

Physiology (continued)
med. sci.
animals
gen. wks. **636.089+**
see also spec. animals
man **612**
Physiotherapy *see* Physical therapies
Phytogeography *see* Biogeography
Phytolaccaceae *see* Chenopodiales
Phytomonadina *see* Plasmodroma
Phytopathology *see* Pathology
Phytophysiology *see* Physiology
Phytoplankton *see* Bacillariophyceae
Phytosterols *see* Steroids
Pia *see* Brain
Piacenza Italy *area* –454 6
Pianofortes *see* Pianos
Pianos
manufacture
economics 338.47+
technology 681.81+
music 786.21
Piatt Co. Ill. *area* –773 67
Piauí Brazil *area* –812
Picardy France *area* –442 6
Piccolos *see* Flutes
Picenum *area* –374
Pichincha Ecuador *area* –866 1
Pici *see* Piciformes
Piciformes
paleozoology 568.7
zoology 598.72
Pickaway Co. O. *area* –771 815
Pickens Co.
Ala. *area* –761 85
Ga. *area* –758 255
S.C. *area* –757 23
Pickers *see* Harvesting equipment
Pickett Co. Tenn. *area* –768 687
Pickling
food *see* Food preservation
Picnic
meals *see* Outdoor meals
Picnicking *see* Eating-customs
Pictou Co. N.S. *area* –716 13

Picture
frames
wooden *see* Wooden minor products
Pictures
library treatment 025.177 1
teaching aids *see* Audio-visual materials
see also *s.s.*–†022 2
Piculets *see* Piciformes
Pidyon haben *see* Rites
Piedmont (Italy) *area* –451
Piedmont (U.S.)
gen. wks. *area* –75
Ga. *area* –758 4
Md. *area* –752 7
N.C. *area* –756 5
S.C. *area* –757
Va. *area* –755 6
Pieplant *see* Rhubarb
Pier
buildings *see* Transportation buildings
foundations *see* Foundations (structures)
Pierce Co.
Ga. *area* –758 79
Neb. *area* –782 56
N.D. *area* –784 59
Wash. *area* –797 78
Wis. *area* –775 42
Pieria Greece *area* –495 6
Piers
structural elements *see* Columnar constructions
structures *see* Docks
Pies *see* Bakery products
Piezoelectricity
crystallography 548.85
mineralogy 549.127
physics 537.244
see also spec. applications
Piezomagnetism
physics 538.3
see also Piezoelectricity
Pigeons
culture 636.596
food *see* Poultry

Pigeons (continued)
hunting
industries 639.12+
sports 799.248+
see also Columbiformes
Piggyback
transport *see* Transportation services
Pigment
materials *see* Pigments
Pigmentary
skin changes *see* Skin disorders
Pigmentation
biochemistry
gen. wks. 574.192 97
see also spec. branches
man
gen. wks. 573.5
spec. races **572.8**
Pigmented
tissues *see* Histology
Pigments
chemistry 547.869
geology
gen. wks. 553.662
mineralogy *see spec. minerals*
manufacture
economics 338.47+
technology 667.29
see also Paints
Pignuts *see* Hickory nuts
Pigs *see* Swine
Pigweed
agricultural pests 632.58
see also Chenopodiales
Pikas *see* Lagomorphs
Pike Co.
Ala. *area* –761 35
Ark. *area* –767 485
Ga. *area* –758 45
Ill. *area* –773 45
Ind. *area* –772 36
Ky. *area* –769 23
Miss. *area* –762 23
Mo. *area* –778 36
O. *area* –771 847
Pa. *area* –748 24
Pikes (fish)
culture 639.375+
Pikes (fish) (continued)
fishing
industries 639.27+
sports 799.17+
food
cookery 641.69+
gen. wks. 641.39+
see also Mesichthyes
Pilasters *see* Columnar constructions
Pile
foundations *see* Foundations (structure)
Piles
lumber *see* Sawmill products
medicine *see* Proctology
Pile-weave
fabrics *see* Fancy-weave fabrics
Pilgrimages
religion
Christian 248.29
gen. wks. 291.38
see also other spec. rel.
see also Religious experience
Pilings *see* Sawmill products
Pillage *see* Crimes
Pillars *see* Columnar constructions
Pillow
lace *see* Openwork fabrics
Pillows *see* Furniture
Pills *see* Medicinal tablets
Pilot
balloons *see* Lighter-than-air aircraft
guides
aircraft 629.132 54
see also Navigation
Piloting
aircraft †629.132 52
ships *see* Navigation (operation)
spacecraft **629.458**
see also Safety measures
Pilotless
aircraft *see* Heavier-than-air aircraft
Pima Co. Ariz. *area* –791 77

Piña
textiles
manufacture
economics 338.47+
technology 677.1
see also spec. applications
Pinaceae *see* Coniferales
Pinal Co. Ariz. *area* –791 75
Pine
Co. Minn. *area* –776 62
Mt. Ky.
gen. wks. *area* –769 12
see also other areas
Pine
trees
culture 635.977+
forestry **634.975 1**
see also Coniferales
Pineal
gland
anatomy
animals
vet. sci. 636.089+
zoology 591.48
see also spec. animals
man 611.81
diseases *see* Endocrine disorders
physiology
animals
vet. sci. 636.089+
zoology 591.14
see also spec. animals
man 612.492
Pineapple
fibers
agriculture
economics 338.17+
technology **633.571**
processing *see spec. products*
see also Bromeliales
textiles *see* Piña textiles
Pineapples
agriculture
economics 338.17+
technology **634.774**
food 641.34+
marketing 658.809+
processing *see spec. products*
see also Bromeliales
Pinellas Co. Fla. *area* –759 63
Pines (isle)
Cuba *see* Cuba
New Caledonia *see* New Caledonia
Pines *see* Coniferales
Pinks *see* Caryophyllales
Pinna *see* External ear
Pinnacles *see* Roof structures
Pinnipedia
paleozoology 569.74
zoology 599.745
Pinochle *see* Card games
Piñon
trees *see* Pine trees
Pins *see* Notions
Pintos *see* Ponies
Pioneer Mts. Ida.
gen. wks. *area* –796 32
see also other areas
Pioneers
history *see hist. of spec. areas*
mil. sci. *see* Engineer forces
Pipe
fitting
construction practice
economics **338.47+**
technology **696.2–.6**
see also spec. applications
tobacco *see* Tobacco products
Pipefishes
culture 639.375+
fishing
industries 639.27+
sports 799.17+
see also Mesichthyes
Pipelines
engineering *see* Materials-handling equipment
transport *see* Transportation services
Piperaceae *see* Piperales
Piperales
botany 583.925
floriculture 635.933+
Pipes (conveyances)
conveyors *see* Materials-handling equipment
drainage *see* Drainage structures
installation *see* Utility lines

Pipes (conveyances) (continued)
manufacture
economics 338.47+
technology
gen. wks. 671.83
see also spec. metals
materials
engineering
gen. wks. 620.112 83
see also spec. materials
see also spec. applications
Pipes (smoking) *see* Smokers' supplies
Pipestone Co. Minn. *area* –776 26
Pipe-threading
machinery *see* Turning-machinery
Pipeworts *see* Eriocaulales
Pipits *see* Motacillidae
Piquet *see* Card games
Piracy
adventure *see* Pirates
crime *see* Offenses
Pirate
perch
culture 639.375+
fishing
industries 639.27+
sports 799.17+
see also Mesichthyes
Pirates
expeditions
adventure 910.453
fiction *see* Fiction
see also hist. of spec. places
Pisa Italy *area* –455 5
Piscataquis Co. Me. *area* –741 25
Pisces
paleozoology **567**
zoology **597**
Pisciculture *see* Fishes
Pisé *see* Sun-dried blocks
Pisidia *area* –392 7
Pistachios
agriculture
economics 338.17+
technology **634.574**
food 641.34+
processing *see spec. products*
see also Sapindales
Pistacia
vera *see* Pistachios
Pistoia Italy *area* –455 2
Pistols *see* Small arms
Piston
assemblies
engineering
economics 338.47+
technology 621.437
see also spec. branches
see also spec. applications
blowers *see* Blowers
pumps *see* Pumps
Pistons *see* Valves (mechanical)
Pisum
arvense *see* Field peas
sativum *see* Garden peas
Pitcairn Isl. *area* –961 8
Pitch (mineral)
gen. wks. *see* Mineral waxes
petroleum *see* Petroleum products
Pitch (resin)
natural *see* Saps
synthetic *see* Resins
Pitch (sound) *see* Audiology
Pitchblende *see* Uraninite
Pitched
roofs *see* Roofs
Pitcher plants *see* Sarraceniales
Pitchers *see* Containers
Pitching
games
customs 394.3
gen. wks. 796.24
Pitkin Co. Colo. *area* –788 43
Pitman
shorthand systems
bus. tech. **653.424**
see also spec. applications
Pitt
Co. N.C. *area* –756 44
Isls. N.Z. *area* –931 1
Pittosporaceae *see* Pittosporales
Pittosporales
botany 583.141
floriculture 635.933+
Pittsburg Co. Okla. *area* –766 75
Pittsylvania Co. Va. *area* –755 665

Pituitary
drugs *see* Endocrine drugs
gland
anatomy
animals
vet. sci. 636.089+
zoology 591.48
see also spec. animals
man 611.81
diseases *see* Endocrine disorders
physiology
animals
vet. sci. 636.089+
zoology 591.14
see also spec. animals
man 612.492
Pity
psychology *see* Emotions
virtues *see* Virtues
Pityeae *see* Cordaitales
Piura Peru *area* –851
Piute Co. Utah *area* –792 53
Pivot
bearings *see* Bearings
bridges *see* Movable bridges
Place
names *see* Gazetteers
Placenta
previa *see* Dystocia
see also Embryology
Placental
dystocia *see* Dystocia
extracts *see* Blood products
Placer Co. Calif. *area* –794 38
Placer
mining *see* Alluvial mining
Placers
gen. wks. 553.13
see also spec. ores
Placodermi
gen. wks. 567.2
see also *s.s.*–015+
Plague
disease *see* Pasteurella diseases
vaccines *see* Serums
Plagues *see* Epidemics
Plains
geography
gen. wks. 910.091+
physical †910.02+
geology 551.45
history 909.09+
subj. treatment *area* –145
see also spec. areas
Plainsong *see* Chants
Planarians *see* Turbellaria
Plane
geometry
gen. wks.
Euclidean 513.1
post-Euclidean 513.5
see also *s.s.*–015+
surveying
gen. wks. **526.92–.99**
see also spec. applications
trees
culture 635.977+
forestry 634.973+
see also Hamamelidales
trigonometry
gen. wks. 514.5
see also *s.s.*–015+
Planers *see* Planing-machinery
Planes *see* Heavier-than-air aircraft
Planetariums
architecture 727.5+
astronomy 523.28
construction
economics 338.47+
technology 690.7+
Planetary
system *see* Solar system
winds *see* Winds
Planetoids *see* Minor planets
Planets
astrology 133.53
astronomy
descriptive **523.4**
theoretical 521.5
folklore 398.362
Planimeters *see* Analog instruments
Planing
mill products *see* Surfaced lumber

Planing-machinery
engineering
economics 338.47+
technology
gen. wks. 621.912
see also spec. branches
see also spec. applications
Planned
economy
gen. wks. *see* Economic systems
production *see* Planning production
parenthood
ethics
philosophy 173
religion
Christian 241
see also other spec. rel.
sociology 301.426
see also Birth control
Planning
communities
civic art **711**
sociology 301.34
production
economics **338.9**
see also Production
social conditions **309.2**
Planographic
processes
arts **763**
industry
economics †338.47+
technology †655.315
see also spec. applications
Planographs *see* Prints
Planography *see* Planographic processes
Plant
behavior
comparative psych. †156.9
see also Ecology
injuries *see* Injuries
life
arts
gen. wks. 704.943 4
see also spec. art forms
see also Ecology
pathology *see* Pathology
physiology *see* Physiology

Plant (continued)
quarantine
agriculture
gen. wks. 632.93
see also spec. crops
govt. control
gen. wks. 350.8
see also spec. levels of govt.
law †340
viruses *see* Viruses
Plantaginaceae *see* Plantaginales
Plantaginales
botany 583.899
floriculture 635.933+
Plantain
eaters
culture 636.6
hunting
industries 639.12+
sports 799.248+
see also Cuculiformes
Plantains (fruit)
agriculture
economics 338.17+
technology **634.773**
food 641.34+
marketing 658.809+
processing *see spec. products*
see also Zingiberales
Plantains (weeds)
agricultural pests 632.58
see also Plantaginales
Plantation
songs *see* Ethnic songs
Planters *see* Planting equipment
Planting
equipment
agriculture
gen. wks. 631.33
see also spec. crops
manufacture
economics 338.47+
technology 681.7
techniques
gen. wks. **631.53**
see also spec. crops

Plants (botanical)
agriculture
gen. wks. **631–632**
see also spec. crops
botany
gen. wks. **581**
see also spec. plants
folklore
hist. & criticism 398.368
legends 398.24
see also Literature
landscaping **715–716**
Plants (industrial) *see* Industrial enterprises
Plaquemines Par. La. *area* –763 37
Plasma (blood)
histology *see* Histology
products *see* Blood products
transfusions *see* Blood transfusions
Plasma (ionized gas)
physics
gen. wks. 537.16
magnetohydrodynamics 538.6
rockets *see* Rocket engines
temperatures *see* High temperatures
Plasmodroma
culture **†639.73+**
paleozoology 563.1
zoology **593.1**
Plaster of Paris
adhesives *see* Cementing materials
soil conditioners *see* Soil conditioners
Plastering *see* Plasterwork
Plasterwork
economics 338.47+
technology 693.6
Plastic
arts
archeology †913.031
gen. wks. **730**
flow *see* Deformation
surgery
animals
gen. wks. **636.089+**
see also spec. animals
man **617.95**
post-mortem *see* Undertaking

Plastic-coated
fabrics *see* Water-repellent fabrics
Plasticity *see* Deformation
Plastics
chemistry **547.843 2**
crafts 745.57
manufacture
economics **338.47+**
technology **668.4**
materials
arts 702.8
construction 691.92
engineering 620.192
see also spec. products
Plastids *see* Cytology
Plata (river) South America
gen. wks. *area* –821
Uruguay *area* –895 1
Platanaceae *see* Hamamelidales
Plate (river) *see* Plata (river) South America
Plate
girders *see* Beams
printing *see* Relief processes
Plateaus *see* Mountains
Plate-girder
bridges *see* Girder bridges
Platelets *see* Histology
Plates (structural form) *see* Structural forms
Plates (tableware) *see* Tableware
Platform
foundations *see* Foundations (structures)
Plating
metals *see* Surface finishing
Platinotype
process *see* Special-process photography
Platinum
alloys
manufacture
economics **338.47+**
technology **673.24**
metallurgy 669.24

Platinum
alloys (continued)
properties
chemistry **546.645**
engineering 620.189 2+
metallography 669.952+
art metalwork 739.24
compounds
chemistry **546.645**
manufacture **661.06+**
fabrication *see* Platinum industries
geology
gen. wks. 553.422
mineralogy
element 549.23
minerals *see spec. minerals*
industries
extractive
metallurgy 669.24
mining 622.342
manufacturing
economics 338.47+
technology **673.24**
metallography *see* Platinum properties
mineralogy *see spec. minerals*
mining *see* Platinum industries
products *see spec. subj.*
properties
chemistry **546.645**
engineering 620.189 2+
metallography 669.957+
see also Radiochemistry
Platonism
ancient 184
gen. wks. 141
Platoons *see* Organizational units
Plattdeutsch *see* Germanic
Platte
Co.
Mo. *area* –778 135
Neb. *area* –782 52
Wyo. *area* –787 17
River
gen. wks. *area* –782
see also other areas
Platycopa *see* Ostracoda
Platyhelminthes
paleozoology 565.1
zoology **595.12**
Platypuses
conservation 639.97+
culture 636.91
hunting 639.11+
see also Monotremata
Play
rooms *see* Rooms
Player
pianos *see* Mechanical musical instruments
Playgrounds
recreational facilities 796.068
school facilities 371.61
see also Recreational land
Playhouse
buildings *see* Recreation buildings
Playing *see* Recreational activities
Playing cards
activity *see* Card games
equipment *see* Recreational equipment
Plays *see* Drama
Playwriting *see* Rhetoric
Pleading
law *see* Judicial system
Pleasant Isl. *see* Nauru
Pleasants Co. W.Va. *area* –754 21
Pleasure *see* Hedonism
Plecoptera
paleozoology 565.73
zoology 595.735
Plectognathi *see* Acanthopterygii
Plectomycetes *see* Ascomycetes
Plectral
instruments
manufacture
economics **338.47+**
technology **681.81+**
music **†787.05**
Pleiades *see* Stars (astronomy)
Pleistocene
epoch *see* Cenozoic era
Plesiopora *see* Oligochaeta
Pleura
anatomy *see* Respiratory organs

Pleura (continued)
diseases *see* Respiratory diseases
physiology *see* Respiration
Pleuracanthodii *see* Chondrichthyes
Pleural
pneumonia *see* Respiratory diseases
Pleurisy *see* Respiratory diseases
Pleurodira *see* Chelonia
Pleuromeiales *see* Lycopsida
Pliocene
epoch *see* Cenozoic era
Pliotrons *see* Electronic tubes
Ploceidae
paleozoology 568.8
zoology 598.873
Ploesti Romania *area* –498 2
Plovers
culture 636.6
hunting
industries 639.12+
sports 799.248+
see also Charadriiformes
Plows
agriculture
gen. wks. 631.312
see also Tillage
manufacture
economics 338.47+
technology 681.7
marketing 658.809+
Plumas Co. Calif. *area* –794 29
Plumbaginaceae *see* Primulales
Plumbago (mineral) *see* Graphite
Plumbago (plant) *see* Primulales
Plumbing
facilities
households 644.6
schools *see* School buildings
see also other spec. structures
operations
gen. wks. **696.1**
mines 622.49
ships 623.854 6
Plumbum *see* Lead
Plums
agriculture
economics 338.17+
technology **634.22**
food 641.34+
marketing 658.809+
processing *see spec. products*
see also Rosales
Plunger
pumps *see* Pumps
Pluralism
philosophy
gen. wks. 147.4
metaphysics 111.8
religion *see* Deities
Plurality
of worlds *see* Astrobiology
Plush *see* Fancy-weave fabrics
Pluto (planet)
astronomy
descriptive 523.482
theoretical 521.5
see also *s.s.*–015+
Plutocracy
pol. sci. 321.5
see also spec. areas
Plutonic
phenomena
geography
gen. wks. †910.02
see also spec. places
geology **551.2**
rocks
gen. wks. 552.3
see also spec. aspects
Plutonium *see* Rare-earths
Plymouth Co.
Ia. *area* –777 16
Mass. *area* –744 8
Plywood *see* Composite woods
Pneumatic
engineering
economics **338.47+**
technology
gen. wks. **621.5**
see also spec. branches
forcing method *see* Subaqueous foundations

Pneumatic (continued)
machinery *see* Pneumatic tools
tools
engineering
economics 338.47+
technology
gen. wks. 621.904
see also spec. branches
sec also spec. applications
Pneumatic-caisson
method *sce* Subaqueous foundations
Pneumatics *see* Gases
Pneumatotherapy *see* Aerotherapeutics
Pneumoconiosis *see* Respiratory diseases
Pneumonias *see* Respiratory diseases
Pneumonic
plague *see* Pasteurella diseases
Po River Italy
gen. wks. *area* **–452**
see also other areas
Poa *see* Bluegrasses
Pocahontas Co.
Ia. *area* –777 19
W.Va. *area* –754 87
Pocono Mountains Pa. *area* **–748 2**
Podocarpaceae *see* Coniferales
Podocarps *see* Coniferales
Podocopa *see* Ostracoda
Podostemonaceae *see* Podostemonales
Podostemonales
botany 583.92
floriculture 635.933+
Poecilosclerina *see* Porifera
Poetic
books
O.T.
gen. wks. **223**
pseudepigrapha **229.912**
see also Poetry
Poetry
collections **808.81**
criticism **809.1**
rhetoric **808.1**
sce also spec. lit.
Poi *see* Taro
Poinciana
trees
culture 635.977+
forestry 634.973+
see also Leguminosae
Poincianas *see* Leguminosae
Poinsett Co. Ark. *area* –767 96
Poinsettias *see* Euphorbiales
Point
sets *see* Functional analysis
Pointe Coupee Par. La. *area* –763 454
Pointers *see* Gun dogs
Point-of-sale
advertising *see* Display advertising
Poison
gas
warfare *see* Chemical warfare
ivy
agricultural pests 632.58
see also Sapindales
Poisonous
plants *see* Deadly plants
Poisons
chem. analysis
gen. wks. 543.5
organic 547.33+
marketing 658.809+
pharmacology
animals
gen. wks. **636.089+**
see also spec. animals
man **615**
see also Pesticides
Poisson's
ratio *see* Elasticity
Poitou France *area* **–446**
Poker *see* Card games
Pokeweeds
agricultural pests 632.58
see also Chenopodiales
Poland *area* **–438**
Polar Regions
North *area* **–98**
South *area* –99
Polar
compounds *see* Inorganic chemistry
easterlies *see* Winds

Polarimeters
manufacture
economics 338.47+
technology 681.416
marketing 658.809+
physics 535.33
see also spec. applications
Polarimetric
titration
gen. wks. 545.32
organic chem. 547.35+
Polarimetry
astronomy 522.65
see also Polarization
Polariscopes *see* Polarimeters
Polarization
chemistry
analysis *see* Optical analysis
gen. wks. 541.7
organic 547.1+
technical 660.29+
see also Solutions
physics
light **535.52**
sound waves 534.207
Polarized
light *see* Polarization
Polarographic
methods *see* Polarimetric titration
Pole
vaulting *see* Track athletics
Polemics
religion
Christian **239**
gen. wks. 291.2
see also other spec. rel.
see also Speeches
Polemoniaceae *see* Polemoniales
Polemoniales
botany 583.76
floriculture 635.933+
Poles (lumber) *see* Sawmill products
Police
administration
gen. wks. 350.74
see also spec. levels of govt.
Police (continued)
boats *sce* Government vessels
dogs *see* Working dogs
services
gen. wks. **363.2**
military
gen. wks. **355.133**
see also spec. mil. branches
stations *see* Government buildings
Policemen *see* Police
Policewomen *see* Police
Poling *see* Boating
Polish
ethnic groups *area* –174+
language **491.85**
lingual groups *area* –175+
see also other spec. subj.
Polishes *see* Varnishes
Polishing
metals *see* Surface treatment
woodwork *sec* Trims
Politeness *see* Courtesy
Political
crimes *see* Offenses
economy
economics *see* Economics
pol. sci. *see* Political science
immunity
international law
criminal 341.49
diplomatic 341.7
legislators 328.348
parties
gen. wks. **329.02**
law †340
see also Government (state)
prisoners
labor economics 331.584
offenses *sce* Offenders
penology *see* Prisons
treatment *see* Inmates
propaganda *see* Practical politics
refugees *see* Displaced persons

Political (continued)
rights
gen. wks. 323.5
see also spec. subj.
science
ethics **172**
gen. wks. **320**
law **†340**
pub. administration **350**
songs *see* National songs
unions
pol. sci. 321
geography **910.091+**
history **909.09+**
subj. treatment ***area*** **–†171 2**
Politics *see* Political science
Polity
church *see* Ecclesiology
gen. wks. *see* Political science
Polk Co.
Ark. *area* –767 45
Fla. *area* –759 67
Ga. *area* –758 375
Ia. *area* –777 58
Minn. *area* –776 95
Mo. *area* –778 77
Neb. *area* –782 35
N.C. *area* –756 915
Ore. *area* –795 38
Tenn. *area* –768 875
Tex. *area* –764 165
Wis. *area* –775 17
Polka *see* Dancing
Poll
taxes *see* Taxation
Pollination *see* Reproduction
Polls
pol. sci. *see* Voting
statistics *see* Statistics
Pollution
air *see* Air pollution
soil *see* Soil pollution
water *see* Water supply
Polo
activity *see* Mallet games
equipment *see* Recreational equipment
Polonaise *see* Dancing
Polonium
fabrication *see* Polonium industries

Polonium (continued)
geology *see* Radium geology
industries
extractive
metallurgy 669.29+
mining 622.349
manufacturing
economics 338.47+
technology 673.29+
metallography *see* Polonium properties
mineralogy *see* Radium geology
mining *see* Polonium industries
products *see spec. subj.*
properties
chemistry 546.728+
engineering 620.189 2+
metallography 669.957+
see also Radiochemistry
Poltergeists *see* Ghosts
Polyacrylics
plastics *see* Polymerization plastics
textiles *see* Polymerization textiles
see also Hydrocarbon derivatives
Polyamides
plastics *see* Polymerization plastics
textiles *see* Nylon textiles
see also Esters
Polyandry *see* Marriage
Polyangiaceae *see* Myxobacteriales
Polybasite
mineralogy 549.35
see also Silver geology
Polychaeta
culture †639.75+
paleozoology 565.1
zoology 595.17
Polycladida *see* Turbellaria
Polycyclic
current
engineering
economics 338.47+
technology 621.319 16
see also spec. applications

Polycythemias *see* Blood diseases
Polyelectrolytes
soil conditioners *see* Soil conditioners
Polyesters
plastics *see* Polymerization plastics
textiles *see* Polymerization textiles
see also Esters
Polyethylene
plastics *see* Polymerization plastics
textiles *see* Polymerization textiles
see also Aliphatic compounds
Polyfluoro
hydrocarbons
plastics *see* Polymerization plastics
textiles *see* Polymerization textiles
see also Halogen compounds
Polygalaceae *see* Polygalales
Polygalales
botany 583.14
floriculture 635.933+
Polygamy *see* Marriage
Polyglot
dictionaries
gen. wks. 413
see also *s.s.*–03
Polygonaceae *see* Polygonales
Polygonales
botany 583.917
floriculture 635.933+
Polygraphy *see* Collected writings
Polyhalite
mineralogy 549.755
see also Potassium geology
Polyhedral
functions *see* Complex variables
Polymastigina *see* Mastigophora
Polymerization
plastics
chemistry **547.843 2+**

Polymerization
plastics (continued)
manufacture
economics **338.47+**
technology **668.42**
materials
arts 702.8
construction 691.92
engineering 620.192
see also spec. products
process
chem. tech. 660.284 4+
chemistry 547.28
see also spec. products
textiles
chemistry **547.85+**
dyeing & printing
home econ. 640
technology **667.34+**
manufacture
economics **338.47+**
technology **677.474**
materials
construction 691
engineering 620.197
see also spec. products
Polymers
chemistry
gen. wks. †541.225 4
organic †547.1+
manufacture
economics 338.47+
technology 661.89
see also spec. products
Polymyxin *see* Antibiotics
Polynemoidea *see* Acanthopterygii
Polynesia ***area*** **–96**
Polynesian *see* Austronesian
Polyneuritis *see* Neurological diseases
Polynomial
equations *see* Equations
Polypetalae *see* Archichlamydeae
Polyphaga
paleozoology 565.76
zoology 595.764
Polyphenyl *see* Aromatic compounds
Polyphonic
music *see* Choral music

Polyplacophora *see* Crepipoda
Polypodiaceae *see* Filicales
Polypodies *see* Filicales
Polyporaceae *see* Agaricales
Polypropylene
gen. wks. *see* Aliphatic compounds
textiles *see* Polymerization textiles
Polypterini
paleozoology 567.4
zoology 597.42
Polyptychs *see* Easel paintings
Polysaccharide
metabolism *see* Metabolism
Polysaccharides
chemistry 547.782
manufacture
economics **338.47+**
technology **664.2**
nutrition
home econ. 641.13
physiology
gen. wks. 574.13
see also spec. organisms
pharmacology
gen. wks. **615.3**
veterinary **636.089+**
see also Cotton-derived compounds
Polystyrenes
gen. wks. *see* Aromatic compounds
plastics *see* Polymerization plastics
Polytheism
philosophy 110
religion
comparative 291.14
gen. wks. 212.2
see also spec. rel.
Polyurethane *see* Elastomers
Polyvinyls
gen. wks. *see* Aliphatic compounds
plastics *see* Polymerization plastics
textiles *see* Polymerization textiles
Pomegranates
agriculture
economics 338.17+
technology **634.64**
food 641.34+
marketing 658.809+
processing *see spec. products*
see also Lythrales
Pomelos *see* Grapefruit
Pomerania
Germany *area* –†431 7
Poland *area* –†438 1
Pomeranian
dogs *see* Miniature dogs
Pomerelia Poland *area* –†438 2
Pomilio
process *see* Pulping
Pomorze Poland *area* –†438 2
Pompanos
culture 639.375+
fishing
industries 639.27+
sports 799.17+
food
cookery 641.69+
gen. wks. 641.39+
see also Acanthopterygii
Pond
fishing *see* Fresh-water fishing
Pondera Co. Mont. *area* –786 53
Pondicherry India *area* –548 6
Ponds *see* Water bodies
Pondweeds *see* Potamogetonales
Pongee *see* Silk textiles
Pongidae
paleozoology 569.8
zoology **599.88**
Ponginae *see* Pongidae
Ponies
husbandry 636.16
see also Equidae
Pons
Variolii *see* Brain
Ponta Delgada Azores *area* –469 9
Pontchartrain (lake) La. *area* –763 34
Pontederiaceae *see* Liliales
Pontevedra Spain *area* –461 7
Pontiac Co. Que. *area* –714 215

Pontoon
bridges
eng. & construction
economics 338.47+
technology
gen. wks. 624.87
military 623.67
see also Transportation
Pontotoc Co.
Miss. *area* –762 93
Okla. *area* –766 69
Pontus *area* –393 3
Poodles *see* Nonsporting dogs
Pooideae
botany 584.93
floriculture 635.934+
see also Field crops
Pool (game)
activity *see* Indoor ball games
equipment *see* Recreational equipment
Pool
halls *see* Recreation buildings
Pools (combinations)
gambling *see* Gambling
industrial *see* Combinations
transportation *see* Transportation services
Pools (water)
natural *see* Water bodies
swimming *see* Swimming pools
Poor
Clares *see* Franciscans
farms *see* Almshouses
people
psychology †155.9
sociology 301.441
welfare services **362.5**
Poorhouse
buildings *see* Welfare buildings
Poorhouses *see* Almshouses
Popcorn *see* Corn
Pope Co.
Ark. *area* –767 32
Ill. *area* –773 991
Minn. *area* –776 46
Popes *see* Papacy
Poplar London *area* –421 5
Poplar
trees
culture 635.977+
forestry 634.972 3
see also Salicales
Pople Poland *area* –†438 5
Poploca *see* Macro-Otomanguean
Poppies
agriculture
economics 338.17+
technology **633.75**
pharmacology *see* Botanical drugs
see also Rhoeadales
Population
density *see* Demography
movement
pol. sci. **325**
sociology **301.32**
statistics *see* Demography
transfer *see* Population movement
Populist
Party *see* Political parties
Porcelain
arts **738.2**
industries **666.5**
Porch
furniture *see* Outdoor furniture
Porches
architecture 721.8
construction
economics 338.47+
technology
carpentry 694.64
gen. wks. 690.1+
see also spec. structures
Porcupines *see* Hystricomorphs
Pore
fungi *see* Agaricales
Porifera
culture **†639.73+**
paleozoology **563.4**
zoology **593.4**
Porisms
geometry 513.94
see also *s.s.*–015+
Pork *see* Red meats

Pornography
  art *see spec. art forms*
  crime *see* Offenses
  ethics 176.7–.8
  gen. wks. 098.12
  law *see* Criminal law
  literature 808.803
Porosity *see* Transport phenomena
Poroxyleae *see* Cordaitales
Porphyries *see* Plutonic rocks
Porphyrins *see* Heterocyclic compounds
Porpoises *see* Odontocetes
Port
  buildings *see* Port installations
  installations
    eng. & construction
      economics **338.47+**
      technology **627.3**
    see also Transportation services
  wine *see* Wines
Portable
  heaters *see* Convective heating
Portage Co.
  O. *area* –771 37
  Wis. *area* –775 53
Portalegre Portugal *area* –469 52
Portals *see* Doors
Portal-to-portal
  pay *see* Wages
Porter Co. Ind. *area* –772 98
Porter *see* Beers
Porters *see* Domestic employees
Portland
  cement *see* Cementing materials
Portmanteaus *see* Luggage
Portneuf Co. Que. *area* –714 466
Pôrto, Portugal *area* –469 15
Porto Maurizio Italy *see* Imperia
Portraits *see* Human figure
Ports *see* Harbors
Portsmouth Va. *area* –755 522
Portugal ***area* –469**
Portuguesa Venezuela *area* –874
Portuguese Guinea *area* –665 7
Portuguese
  ethnic groups *area* –174+
  language **469**
  lingual groups *area* –175+
  see also other spec. subj.
Portulacaceae *see* Caryophyllales
Portulacas *see* Caryophyllales
Posey Co. Ind. *area* –772 34
Posidoniaceae *see* Juncaginales
Position
  determination *see* Navigation
  finders
    engineering
      economics **338.47+**
      technology
        radar **621.384 89**
        radio 621.384 191
    navigation
      aircraft 629.132 51
      ships **623.893**
Positivism
  philosophy 146.4
  science 501
Positrons *see* Subatomic particles
Posology
  animals
    gen. wks. 636.089+
    see also spec. animals
  man 615.14
Post
  exchanges
    military *see* Quarters
  office
    buildings *see* Government buildings
    departments *see* Executive departments
Postage
  stamps
    collections **†769.56**
    manufacture
      engraving **765**
      printing 655.318
    see also Postal communication
Postal
  communication
    govt. control
      gen. wks. 350.873

Postal
  communication
    govt. control (continued)
      see also spec. levels of govt.
    services **383**
  insurance *see* Transportation insurance
  savings banks *see* Financial institutions
Postcards
  advertising *see* Specialty advertisements
  art *see* Commercial art
Postembryonic
  development *see* Growth
Posterns *see* Doors
Posters
  advertising 659.134
  art *see* Commercial art
Post-Euclidean
  geometry
    gen. wks. 513.5
    see also *s.s.*–015+
Postglacial
  epoch *see* Cenozoic era
Postmilitary
  benefits
    gen. wks. **355.115**
    see also spec. mil. branches
Postmortem
  examinations *see* Autopsies
  plastic
    surgery *see* Undertaking
Postpartum *see* Puerperium
Posts
  lumber *see* Sawmill products
  structures *see* Columnar constructions
Potable
  water
    bottling 663.61
    engineering *see* Water supply engineering
    see also Sea-water conversion
Potamogetonaceae *see* Potamogetonales
Potamogetonales
  botany 584.74
  floriculture 635.934+
Potash
  fertilizers *see* Potassium fertilizers
Potassium
  compounds
    chemistry **546.383**
    manufacture
      economics **338.47+**
      technology **661.038+**
    pharmacology
      gen. wks. **615.2+**
      veterinary **636.089+**
  fertilizers
    agriculture
      gen. wks. 631.83
      see also spec. crops
    manufacture
      economics 338.47+
      technology 668.62+
    marketing 658.809+
  geology
    gen. wks. †553.636
    mineralogy *see spec. minerals*
  industries
    extractive
      metallurgy 669.725
      mining 622.36+
    manufacturing
      economics 338.47+
      technology 673.725
  metabolism *see* Macronutrient elements
  metallography *see* Potassium properties
  mineralogy *see spec. minerals*
  mining *see* Potassium industries
  products *see spec. subj.*
  properties
    chemistry **546.383**
    engineering 620.189 6
    metallography 669.957+
    see also Radiochemistry
Potato
  starch *see* Polysaccharides
  whisky *see* Spirits (alcoholic)

Potatoes
agriculture
economics 338.17+
technology
field crops **633.491**
garden crops **635.21**
fodder
gen. wks. 636.086
see also spec. animals
food 641.35+
marketing 658.809+
processing *see spec. products*
see also Solanales
Potential
measurements
electricity
engineering 621.374 3
physics 537.21
mechanics *see* Energetics
see also Meters
transformers *see* Transformers
Potentiometers *see* Potential measurements
Potentiometric
titration *see* Electroanalysis
Potenza Italy *area* –457 71
Potomac River
gen. wks. ***area* –752**
W.Va. ***area* –754 9**
Potoos *see* Caprimulgiformes
Potosí Bolivia *area* –841
Potsdam Germany *area* –431 5
Pottawatomie Co.
Kan. *area* –781 32
Okla. *area* –766 36
Pottawattamie Co. Ia. *area* –777 71
Potted
circuits *see* Printed circuits
plants *see* House plants
Potter Co.
Pa. *area* –748 55
S.D. *area* –783 19
Tex. *area* –764 825
Pottery
arts 738.1–.3
clays *see* Clays
industries
economics **338.47+**
technology **666.3–.6**
Pouched
mammals *see* Marsupials
Poultry
culture **636.5**
experimental med.
animals 636.089+
man 619.5
food
cookery **641.66+**
gen. wks. **641.36+**
preservation
commercial **664.93**
home **641.493**
marketing **658.809+**
see also Galli
Poured
concrete *see* Artificial stones
Poverty
economics *see* Underconsumption
people *see* Poor people
Poverty-prevention
insurance *see* Social security insurance
Powder River Co. Mont. *area* –786 37
Powder
magazines *see* Military buildings
metallurgy
processes
gen. wks. 671.37
see also spec. metals
products
gen. wks. 671.87
see also spec. products
Powder-post
beetles
culture 638.57+
see also Colydioidea
Powder-process
photography *see* Special-process photography
Powder-rooms *see* Lavatories
Powders
pharmacology *see* Pharmacology
prac. pharmacy
med. sci. 615.43
vet. sci.
gen. wks. 636.089+
see also spec. animals
see also Cosmetics

Powell Co.
Ky. *area* –769 585
Mont. *area* –786 86
Power Co. Ida. *area* –796 49
Power (control)
metaphysics 118
pol. sci. *see* State (The)
Power
craft *see* Power-driven ships
interruption
insurance *see* Industrial insurance
lines
electric transmission **†621.319 2**
installation
design 711.8
technology 625.78
measurements
electricity
engineering 621.374 6
physics 537.6
mechanics *see* Dynamics
mechanics *see* Mechanical engineering
plants
engineering
gen. wks. 621.402 5
see also spec. branches
see also Central stations
politics *see* International relations
shears *see* Cutting-machinery
stations *see* Central stations
transformers *see* Transformers
transmission
electricity *see* Power lines
machinery
engineering
economics **338.47+**
technology
gen. wks. **621.8**
see also spec. branches
see also spec. applications
Power-driven
ships
engineering
gen. wks. †623.820 4
spec. kinds **623.823–.828**
Power-driven
ships (continued)
see also Transportation
Power-factor
meters *see* Phasemeters
Power-plant
insurance *see* Industrial insurance
Powers (angels) *see* Angelology
Powers (mathematics) *see* Involution
Power-transmission
lines
engineering *see* Power transmission
installation *see* Utility lines
Poweshiek Co. Ia. *area* –777 596
Powhatan Co. Va. *area* –755 61
Poznan Poland *area* –†438 4
Practical
astronomy
gen. wks. **522.1–.6**
see also spec. applications
geology *see* Economic geology
nurses *see* Nursing
pharmacy
med. sci. **615.4**
vet. sci.
gen. wks. **636.089+**
see also spec. animals
politics
gen. wks. **329**
law †340
see also Government (state)
psychology *see* Applied psychology
Practice
maneuvers *see* Training maneuvers
Praesto Denmark *area* –489 1
Pragmatism
philosophy 144.3
see also spec. philosophers
Prairie Co.
Ark. *area* –767 77
Mont. *area* –786 25
Prairie
plants *see* Mesophytes

Prairies
gen. wks. *see* Plains
reclamation *see* Land reclamation
Prakrits
languages **491.3–.4**
see also other spec. subj.
Praseodymium *see* Rare-earths
Pratt Co. Kan. *area* –781 815
Prawns *see* Shrimps
Prayer
Christian religion
gen. wks. †248.3
see also Family prayer
gen. wks. 291.43
see also other spec. rel.
Prayer desks *see* Sacred furniture
Prayer meetings
Christian liturgy
gen. wks. 264.7
spec. denominations **264.01–.09**
see also other spec. rel.
Prayer of Manasses
Apocrypha **229.6**
liturgy
gen. wks. 264.3–.4
spec. denominations **264.01–.09**
Prayers
Christian religion
gen. wks. 264.13
private **242.2–.4**
comparative religion
gen. wks. 291.38
private 291.43
see also other spec. rel.
Praying
mantises *see* Mantises
Preacheresses *see* Dominicans
Preachers *see* Clergy
Preaching *see* Homiletics
Preble Co. O. *area* –771 71
Pre-Cambrian eras
geology **551.71**
paleontology 560.171
Precanceled
stamps *see* Postage stamps
Precast
concrete
blocks *see* Artificial stones
Precession
astronomy
corrections 522.95
gen. wks. 521.9
see also spec. celestial bodies
physics 531.34
see also *s.s.*–015+
Precious
metals
arts **739.2**
chemistry *see spec. metals*
fabrication *see* Precious metals industries
geology
gen. wks. **553.41–.42**
mineralogy *see spec. minerals*
industries
extractive
economics 338.47+
technology
metallurgy 669.22–.24
mining 622.342
manufacturing
economics **338.47+**
technology **673.22–.24**
metallography *see* Precious metals properties
mineralogy *see spec. minerals*
mining *see* Precious metals industries
properties
chemistry *see spec. metals*
engineering **620.189 2**
metallography **669.952**
see also Radiochemistry
stones
geology
gen. wks. 553.82–.86
mineralogy *see spec. minerals*
industries
extractive
economics 338.27+
technology 622.38+
glyptics **736.2**

Precipitates
chem. tech. 660.29+
chemistry
gen. wks. 541.348 5
organic 547.1+
see also Solutions
Precipitation
artificial *see* Artificial precipitation
chem. tech. *see* Unit operations
chemistry
analytic *see* Volumetric analysis
physical *see* Precipitates
climatology **†551.64+**
meteorology **†551.577**
Precision
instruments
manufacture
economics **338.47+**
technology **681**
marketing **658.809+**
see also spec. applications
Precociousness *see* Superior intelligence
Precocity *see* Superior intelligence
Precognition *see* Extrasensory perception
Preconscious *see* Depth psychology
Predelinquent
children *see* Exceptional children
Predelinquents *see* Offenders
Predestination
religion
Christian 234.9
gen. wks. 291.22
see also other spec. rel.
see also Occultism
Predictions
events *see* Divination
mathematical *see* Probabilities
Pre-emption *see* Denationalization
Pre-existence *see* Reincarnation
Prefabricated
houses *see* Residential buildings
materials
construction
economics 338.47+
technology 693.97
properties
construction 691.97
engineering 620.19
see also spec. applications
Pregnancy
diseases
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man **618.3**
management *see* Obstetrics
physiology
animals
vet. sci. 636.089+
zoology 591.16
see also spec. animals
man 612.63
Prehistoric
archeology *see* Ancient world
man
archeology *see* Ancient world
biology 573.3
paleontology 569.9
psychology †155.81
Prejudice
ethics 177.5
see also Discriminatory practices
Pre-Justinian
code *see* Roman law
Preliminary
surveys *see* Surveying
Premarital
examinations
gynecology **618.1**
pub. health 614.17
see also Venereal diseases
relations *see* Sex relations
Pre-Marxian
socialism *see* Ideal states

Premature
birth
animals
vet. sci. 636.089+
zoology 591.2
see also spec. animals
man 618.397
infants *see* Children
Premiers *see* Chief executives
Premonitions *see* Divination
Prenatal
care
animals
gen. wks. 636.089+
see also spec. animals
man
medicine 618.24
pub. health 614.599 2
development *see* Embryology
Prentiss Co. Miss. *area* –762 985
Preordination *see* Predestination
Prepaid
medical care
insurance *see* Health insurance
Preparatory
schools *see* Secondary schools
Preparedness *see* Mobilization
Preperception
parapsychology **133.8**
psychology †153.735
Presbyopia *see* Defective vision
Presbyterian
churches
religion **285.1–.2**
see also Church buildings
system
clergy 262.18
government 262.4
Presbyteries *see* Presbyterian system
Preschool
children *see* Children
education *see* Elementary schools
Prescott Co. Ont. *area* –713 86
Prescription
filling *see* Practical pharmacy
writing *see* Posology
Prescriptions
law *see* Common law
medicine *see* Pharmacology
Preservation
techniques
arts
gen. wks. 701.8
see also spec. mediums
biol. specimens **579**
see also Conservation
Preserved
foods
cookery **641.61**
food tech. **664.8–.9**
Preserves *see* Jams
Preserving
foods *see* Food preservation
Presidente Hayes
Paraguay *area* –892 2
Presidential
messages *see* Executive messages
Presidents *see* Chief executives
Presidio Co. Tex. *area* –764 933
Presque Isle Co. Mich. *area* –774 82
Press (The)
journalism **070.1**
publishing *see* Publishing
Pressing
metals
arts 739.14
technology
gen. wks. 671.33
see also spec. metals
textiles *see* Laundering
Pressing-machinery
engineering
economics **338.47+**
technology
gen. wks. **621.98**
see also spec. branches
see also spec. applications
Pressure
cookery *see* Special-equipment cookery
gages *see* Gages

Pressure (continued)
groups
labor economics 331.893–.894
legislative 328.368
pol. status 322.4
see also Behavior groups
perception *see* Cutaneous perceptions
Pressures
atmospheric *see* Barometry
biophysics *see* Biophysics
engineering
materials **620.112**
structures **624.171**
Preston Co. W.Va. *area* –754 82
Prestressed
concrete
blocks *see* Artificial stones
Preuss Range Ida.
gen. wks. *area* –796 45
see also other areas
Prevailing
westerlies *see* Winds
Preventive
medicine
animals
gen. wks. 636.089+
see also spec. animals
man 614.44
see also spec. diseases
Preveza Greece *area* –495 3
Priapuloidea *see* Gephyrea
Price Co. Wis. *area* –775 24
Prices
economics
gen. wks. **338.52**
see also spec. goods & services
marketing 658.816
Prickly
heat *see* Skin disorders
pears
agriculture
economics 338.17+
technology 634.775
food 641.34+
marketing 658.809+
processing *see spec. products*
see also Cactales
Pride *see* Evils
Priedieus *see* Sacred furniture
Priestesses *see* Clergy
Priests *see* Clergy
Primaries
pol. sci. *see* Nomination systems
Primary
batteries *see* Batteries
chemicals *see* Industrial chemicals
explosives *see* Explosives
industries
economics **338.1–.3**
govt. control
gen. wks. 350.823
see also spec. levels of govt.
management **658.92–.99**
technology *see spec. industries*
products
production *see spec. industries*
trade **380.141–.144**
school
children *see* Children
libraries *see* School libraries
schools *see* Elementary schools
Primates
paleozoology 569.8
zoology **599.8**
Prime (prayers) *see* Divine Office
Prime
ministers *see* Chief executives
movers
agriculture 631.371
engineering
gen. wks. **621.4**
see also spec. applications
see also other spec. applications
numbers
arithmetic 511.3
see also *s.s.*–015+
Primers (detonators) *see* Detonators
Primers (education) *see* Readers

Primes
algebra *see* Numbers (symbols)
Primitive
church *see* Apostolic Church
man
archeology *see* Ancient world
ethnology *see* Ethnology
medicine *see* Historic remedies
music *see* Ethnic music
races *see* Ethnology
states
pol. sci. †321.12
see also spec. areas
Primogeniture
law *see* Succession law
Primorye Siberia *area* –†577
Primroses *see* Primulales
Primulaceae *see* Primulales
Primulales
botany 583.67
floriculture 635.933+
Prince Co. P.E.I. *area* –717 1
Prince
Edward
Co.
Ont. *area* –713 587
Va. *area* –755 63
Island (province) *area* **–717**
Isl. Indian Ocean *area* –†699
George Co. Va. *area* –755 585
Georges Co. Md. *area* –752 51
of Wales election district
Alaska *area* –798 2
William Co. Va. *area* –755 27
Princes *see* Royalty
Princess Anne Co. Va. *area* –755 51
Princesses *see* Royalty
Principalities
angels *see* Angelology
areas *see spec. areas*
Principals
gen. wks. *see* Personnel
govt. *see* Chief executives
schools *see* School administrators
Principe *area* –669 93
Print
making *see* Printing processes
Printed
circuits
electronics
economics **338.47+**
technology **621.381 7**
see also Models
wiring *see* Printed circuits
Printing
functions
libraries **025.12**
museums 069.7
see also other spec. institutions
inks *see* Inks
papers *see* Paper products
presses
manufacture
economics 338.47+
technology 681.62
marketing 658.809+
printing *see* Relief processes
processes
arts
gen. wks. **761–767**
photography 770.284
industries
economics **338.47+**
technology **655.1–.3**
technology *see* Printing processes
telegraphy *see* Telecommunication
textiles
handcrafts 746.6
technology 667.38
see also spec. applications
Prints
arts
gen. wks. **769**
photography **779**
see also *s.s.*–†022
Prionodesmacea *see* Pelecypoda
Priories
buildings *see* Monastic buildings
religion *see* Religious congregations
Pripet Marshes USSR
gen. wks. *area* –476 5
see also other areas

Prison
areas
planning
civic art 711.556
sociology 301.34
see also other spec. aspects
buildings
architecture 725.6
construction
economics 338.47+
technology 690.5+
housekeeping 647.96+
labor
criminology 364.76
see also spec. kinds of prisoners
libraries
gen. wks. 027.665
see also spec. functions
psychology †155.962
Prisoners *see* Inmates
Prisoners of war *see* War prisoners
Prisons
general
administration
gen. wks. †350.84
see also spec. levels of govt.
penology **365**
military *see* Quarters
Privacy
rights *see* Civil rights
Private
detectives
management 658.91+
services 363
education
govt.
control
gen. wks. †350.85
see also spec. levels of govt.
support 379.3
see also Private schools
exchanges
engineering
economics 338.47+
technology 621.385 8
see also Telecommunication
finance *see* Finance
Private (continued)
land
economics **333.3**
landscaping **712–719**
see also *area* **–14**
law
internal **347.1–.8**
international 341.59
police
management **658.91+**
services **363.2**
prayers *see* Prayers
publishing *see* Publishing
schools
gen. wks. 371.02
see also spec. levels of ed.
Private-duty
nursing *see* Nursing
Privateering *see* Sea warfare
Privies *see* Unsewered structures
Privy
councils *see* Cabinets (government agencies)
Prize
courts *see* Sea warfare
fighting *see* Boxing
Prizes *see* Awards
Proanura
gen. wks. 567.8
see also *s.s.*–015+
Proas *see* Sailing craft
Probabilities
mathematics 519.1
see also *s.s.*–015+
Probate
law *see* Succession law
Probation *see* Reformative measures
Problem
children *see* Exceptional children
Proboscidea
paleozoology 569.6
zoology 599.61
Procela *see* Anura
Procellariiformes
paleozoology 568.4
zoology 598.42
Process
dyeing *see* Dyeing textiles

Process (continued)
equipment
chem. tech. 660.283
manufacture
economics 338.47+
technology 681.7
see also spec. operations
printing *see* Printing textiles
Processions *see* Pageants
Proctology
anatomy
animals
vet. sci. 636.089+
zoology 591.43
see also spec. animals
man 611.35
diseases
animals
vet. sci. 636.089+
zoology 591.2
see also spec. animals
man
medicine 616.35
pediatrics 618.92+
surgery 617.555
physiology
animals
vet. sci. 636.089+
zoology 591.13
see also spec. animals
man 612.36
Procurement
business †658.72
government
gen. wks. 350.712
see also spec. levels of govt.
see also Acquisitions
Procyonidae
paleozoology 569.74
zoology 599.744 43
Procyonines
conservation 639.97+
culture 636.97+
hunting
industries 639.11+
sports 799.277+
see also Procyonidae
Prodigies *see* Superior intelligence
Producer
gas *see* Industrial gases
Producers'
cooperatives *see* Production
Product
research
marketing *see* Market research & analysis
technology
gen. wks. 607.2
see also spec. products
Production
economics
cooperatives 334.6
gen. wks. 338
govt. control
gen. wks. †350.82
see also spec. levels of govt.
management
economics 338.47+
technology 658.5
technology *see spec. industries*
Production-illustration *see* Technical drawing
Profanity
ethics 179.5
religion
Christian 241.3
see also other spec. rel.
Professional
criminals *see* Offenders
education
gen. wks. †378.013
govt. control
gen. wks. †350.85
see also spec. levels of govt.
see also **s.s.–071 1**
ethics *see* Occupational ethics
industries *see* Professional occupations
licenses *see* Licenses
nurses *see* Nursing
occupations
economics
labor 331.71
production 338.46
technology *see spec. subj.*
see also Social classes

Professional (continued)
school buildings *see* Technical school buildings
writing *see* Rhetoric
Profitability
accounting *see* Financial administration
Profit-and-loss
statements *see* Financial administration
Progesterone *see* Endocrine drugs
Progoneata
culture 639.7
paleozoology 565.6
zoology 595.6
Program
music
gen. wks. 781.56
see also spec. mediums
notes
music
gen. wks. 780.15
see also spec. mediums
see also other spec. performing arts
Programed
learning *see* Individualized instruction
Programing *see* Operations research
Progressions *see* Proportion
Progressive
Conservative Party *see* Political parties
muscular dystrophy *see* Muscles
Party *see* Political parties
Prohibited
books
book rarities 098.1
library treatment 025.171
Prohibition
Party *see* Political parties
Project
method
teaching
gen. wks. 371.36
see also spec. levels of ed.
see also **s.s.–07**
Projectiles
engineering
military 623.451
see also Astronautics
mechanics
solids 531.55
see also spec. branches
military *see* Ammunition
Projection
printing *see* Photoduplication
Projections
technical drawing 744.45
mathematics 515
photography *see* Photographic projection
Projective
differential geometry *see* Differential geometry
geometry
gen. wks. 516.57
see also s.s.–015+
techniques
psychology
gen. wks. †155.284
see also spec. applications
Prolactin *see* Mammary glands
Prolamines *see* Proteins
Proletarian
dictatorship *see* Communist states
Proletariat *see* Social classes
Proliferations *see* Suckers (plant propagation)
Promenades *see* Trafficways
Promethium *see* Rare-earths
Promiscuity *see* Sex relations
Promissory
notes *see* Credit instruments
Pronunciation
English language
phonology †421.52
usage 428.1
gen. wks. *see* Phonology
see also other spec. languages
Proofreading
economics 338.47+
technology 655.255
Propaganda
political *see* Practical politics

Propaganda (continued)
sociology *see* Public opinion
warfare *see* Psychological warfare
Propagation
agriculture
animals *see* Breeding methods
plants *see* Crop production
biology *see* Reproduction
Propagational
crops
agriculture
gen. wks. **631.52**
see also spec. crops
marketing **658.809+**
Propellants *see* Explosives
Propellers
engineering
aircraft 629.134 36
ships 623.873
see also other spec. aspects
Property
rights *see* Civil rights
taxes *see* Taxation
Prophase
stage *see* Cytology
Prophecies *see* Divination
Prophetic
books
O.T.
gen. wks. **224**
pseudepigrapha **229.913**
see also Divination
Prophets
religion
gen. wks. †291.63
see also spec. rel.
see also Divination
Proportion
art *see* Composition
mathematics
algebra 512.6
arithmetic 511.6
see also *s.s.*–015+
Proportional
counters *see* Particle detectors
limits *see* Elasticity
representation *see* Representation
Proprietary
libraries
gen. wks. **027.2**
see also spec. functions
Proprietorships
economics 338.72
management 658.04+
Proprioceptive
perceptions
animals **†156.2+**
gen. wks. **†152.188**
Propulsion
machinery
gen. wks. *see* Power plants
ships *see* Marine engineering
Prorocentrales *see* Pyrrophyta
Prose
literature
gen. wks. 808.888
see also spec. lit.
Prosecutions *see* Judicial system
Prosimii
paleozoology 569.8
zoology 599.81
Proso *see* Millets
Prosobranchia
culture 639.48+
paleozoology 564.3+
zoology 594.32
Prosody
gen. wks. 416
see also spec. languages
Prosopora *see* Oligochaeta
Prospecting
economics **338.2**
technology **622.1**
Prospectuses
advertising *see* Direct-mail advertising
Prosperity *see* Business cycles
Prostate *see* Reproductive organs
Prosthetic
dentistry
economics **338.47+**
technology **617.69**
ophthalmology
economics 338.47+
technology 617.79
Prostitutes *see* Offenders

Prostitution
crime *see* Offenses
govt. control
gen. wks. †350.764
police services 363.4+
see also spec. levels of govt.
sex *see* Sex relations
Protactinium *see* Rare-earths
Protamines
drugs *see* Endocrine drugs
gen. wks. *see* Proteins
Proteaceae *see* Proteales
Proteales
botany 583.932
floriculture 635.933+
Proteases *see* Enzymes
Protected
states *see* Dependent states
Protective
adaptations *see* Ecology
coatings
application *see* Surface finishing
manufacture *see spec. kinds*
devices *see* Control devices
inoculation *see* Immunization
relays *see* Control devices
tariff
economics **338**
govt. control 351.8+
pol. sci. **327**
taxation *see* Customs (taxes)
Protectorates *see* Dependent states
Proteidea *see* Urodela
Protein
metabolism *see* Metabolism
plastics
chemistry 547.843 2+
manufacture
economics 338.47+
technology 668.43
see also spec. products
synthesis
plants
gen. wks. 581.133 45
see also spec. plants
see also *s.s.*–015+
Protein (continued)
textiles
chemistry 547.85+
dyeing & printing
home econ. 640
technology **667.3**
manufacture
economics 338.47+
technology 677.472
materials
arts 702.8
engineering 620.197
Proteins
chemistry **547.75**
nutrition
livestock
gen. wks. 636.085 2
see also spec. animals
man
gen. wks. 641.12
hygiene **613.2**
Proteles
paleozoology 569.74
zoology 599.744 26
Proteolytic
enzymes *see* Enzymes
Proteomyxa *see* Sarcodina
Proteoses *see* Proteins
Proterozoic era *see* Pre-Cambrian eras
Protest
groups *see* Pressure groups
Protestant
Episcopal Church *see* Anglican churches
sects *see* Protestantism
Protestantism
religion †280.4
see also *area* –176 1
Protestants *area* –176 1
Prothrombin *see* Blood products
Protoactinium *see* Rare-earths
Protociliata *see* Ciliophora
Protocol
diplomatic *see* Diplomacy
social *see* Etiquette
Protomonadina *see* Plasmodroma
Proton
acceptors *see* Bases (proton acceptors)

Proton (continued)
donors *see* Acids
Protons *see* Subatomic particles
Protoplasm *see* Cytology
Protorosauria *see* Synaptosauria
Protosuchia *see* Crocodilia
Prototheria
paleozoology **569.1**
zoology 599.1
Protozoa
culture **†639.73**
medicine *see* Medical protozoology
paleozoology **563**
zoology **593**
Protozoan
infections
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.936**
pediatrics **618.92+**
pub. health **614.53**
Protozoology
gen. wks. *see* Protozoa
medical *see* Medical protozoology
Protungulata
gen. wks. 569.75
see also *s.s.*–015+
Protura *see* Synaptera
Proustite
mineralogy 549.35
see also Silver geology
Provençal
ethnic groups *area* –174+
language **449.1–.8**
lingual groups *area* –175+
see also other spec. subj.
Provence France *area* **–449**
Proverbs (general)
folklore **398.9**
gen. wks. *see* Collected writings
literature **808.88**
Proverbs (O.T.)
gen. wks. **223.7**
see also Pseudepigrapha
Providence
Co. R.I. *area* –745 1
Isl. Indian Ocean *area* –694
Providence *see* Theodicy
Provident
societies *see* Benefit societies
Provincial
governments *see* Central governments
libraries *see* Government libraries
planning *see* Planning
Proving
grounds *see* Testing grounds
Provisions *see* Food supply
Prowers Co. Colo. *area* –788 98
Proximity
fuses *see* Detonators
Prudence *see* Virtues
Prunes *see* Plums
Pruning
equipment
agriculture 631.34
manufacture
economics 338.47+
technology 681.7
marketing 658.809+
techniques 631.542
see also spec. crops
Prunus
amygdalus *see* Almonds
armeniaca *see* Apricots
cerasus *see* Cherries
domestica *see* Plums
Prussia *area* **–43**
Prussian Saxony Germany *see* Saxony-Anhalt
Psalmody *see* Hymnology
Psalms
liturgy
Christian **264**
see also other spec. rel.
O.T.
gen. wks. **†223.2**
see also Pseudepigrapha
see also Hymnology
Psalteries
manufacture
economics 338.47+
technology 681.81+
music 787.9
Pselaphognatha *see* Diplopoda

Pseudepigrapha
Bible **229.9**
liturgy
gen. wks. 264.3–.4
spec. denominations **264.01–.09**
Pseudo
gospels *see* Gospels
Pseudoborniales *see* Sphenopsida
Pseudomonadaceae *see* Eubacteriales
Pseudopsychology
gen. wks. **131**
personality **137–139**
Pseudoscorpiones
paleozoology 565.4
zoology 595.47
Psidium *see* Guavas
Psilomelane
mineralogy 549.53
see also Manganese geology
Psilophytales *see* Psilopsida
Psilopsida
botany 587.4
floriculture 635.937+
paleobotany 561.74
Psilotales *see* Psilopsida
Psittaciformes
paleozoology 568.7
zoology 598.7
Psittacosis *see* Zoogenous diseases
Pskov RSFSR *area* –474 5
Psoriasis *see* Vesicular eruptions
Psyche *see* Subconscious
Psychiatric
hospital
buildings *see* Health buildings
hospitals *see* Mental hospitals
jurisprudence *see* Forensic medicine
nursing *see* Nursing
social work
gen. wks. **362.2**
see also spec. services
Psychiatry
gen. wks. **616.89**
pediatrics **618.92+**
surgery **617.481**
see also Mental hygiene
Psychical
research *see* Parapsychology
Psychoanalysis
gen. wks. **†150.195**
medicine †616.891 7
Psychoanalytic
systems *see* Psychoanalysis
Psychodiagnosis *see* Clinical psychology
Psychological
optics *see* Optics
warfare
administration 355.343 4
pol. sci. 327.14
Psychology
gen. wks. **150**
see also *s.s.*–019
Psychometry *see* Quantitative psychology
Psychoneuroses
med. sci.
gen. wks. **616.85–.86**
pediatrics **618.92+**
psychology
gen. wks. **†157.3–.7**
pedology †155.45+
see also Mental hygiene
Psychopathic
defrauders *see* Personality disorders
lying *see* Personality disorders
personalities *see* Personality disorders
Psychophysics *see* Quantitative psychology
Psychophysiology *see* Physiological psychology
Psychoses
med. sci.
gen. wks. **616.89**
pediatrics **618.92+**
surgery **617.481**
psychology
gen. wks. **†157.1–.2**
pedology †155.45+
see also Mental hygiene
Psychosomatic
medicine
gen. wks. 616.08

Psychosomatic
medicine (continued)
pediatrics 618.920 8
see also spec. diseases
Psychosurgery *see* Neurosurgery
Psychotrophic
drugs
pharmacodynamics
med. sci. **615.788**
vet. sci.
gen. wks. **636.089+**
see also spec. animals
see also Pharmacology
Psychrometers
manufacture
economics 338.47+
technology 681.2
see also Air conditioning
Psychrometrics *see* Psychrometry
Psychrometry
air conditioning
gen. wks. 697.931 5
see also spec. applications
meteorology 551.571
see also spec. applications
Pteraspedomorphi *see* Placodermi
Pteridophyta
botany **587**
floriculture **635.937**
paleobotany **561.7**
Pteridospermae
gen. wks. 561.595
see also *s.s.*–015+
Pterobranchia
culture 639.48+
paleozoology 564.7
zoology 594.73
Pterocletes *see* Columbiformes
Pterodactyloidea *see* Pterosauri
Pterodactyls *see* Pterosauri
Pteropoda *see* Sacoglossa
Pterosauri
gen. wks. 568.18
see also *s.s.*–015+
Pterygium *see* Conjunctival disorders
Ptilogonatidae
paleozoology 568.8
zoology 598.853

Ptosis
eyelids *see* Eyelid disorders
Ptyalin *see* Enzymes
Puberty
physiology
animals 591.1
man 612.661
rites
religion
gen. wks. 291.38
see also spec. rel.
soc. customs 392.1
see also Young people
Pubiotomies
animals
gen. wks. 636.089+
see also spec. animals
man 618.85
Public
accommodations
gen. wks. **647.9**
govt. control
gen. wks. †350.77
see also spec. levels of govt.
management
economics **338.47+**
technology **658.91+**
pub. health **614.79**
see also Civil rights
accounting
economics 338.47+
technology 657.6
address systems
engineering
economics 338.47+
technology 621.389 2
see also spec. applications
addresses *see* Speeches
administration *see* Government (state)
behavior *see* Group behavior
borrowing *see* Public debts
buildings
architecture **725**
construction
economics **338.47+**
technology **690.5**
govt. control
gen. wks. 350.862
see also spec. levels of govt.

Public
buildings (continued)
interior decoration **747.8+**
pub. health **614.79**
carriers
engineering *see spec. vehicles*
sanitary control *see* Sanitation
services *see* Transportation services
credit *see* Credit
customs *see* Social customs
debts
administration
gen. wks. 350.72
see also spec. levels of govt.
economics **336.34–.36**
demonstration
groups *see* Behavior groups
demonstrations *see* Group behavior
domain *see* Public land
education
government
control
gen. wks. †350.85
see also spec. levels of govt.
support 379.2
see also Public schools
entertainment
gen. wks. **791**
see also spec. activities
expenditure
administration *see* Financial administration
economics 336.39
finance *see* Finance
health
engineering *see* Sanitation engineering
govt. control
gen. wks. †350.77
see also spec. levels of govt.

Public
health (continued)
med. sci.
animals
gen. wks. **636.089+**
see also spec. animals
man **614**
nursing *see* Nursing
households *see* Public accommodations
information
services
gen. wks. *see* Communication services
mil. sci. *see* Special services
land
economics **333.1**
landscaping **712–719**
see also *area* –14
libraries
gen. wks. **027.4**
see also spec. functions
morals
govt. control
gen. wks. **350.76**
see also spec. levels of govt.
police services **363.4**
opinion
practical pol. 329.05
sociology
control 301.152 3
formation 301.154
order
govt. control
gen. wks. **350.75**
see also spec. levels of govt.
police services **363.3**
parks *see* Recreational land
prayers *see* Prayers
relations
advertising *see* Advertising
business
economics 338.47+
technology 659.2
effects
psychology 155.9
sociology 301.152 3

Public
relations (continued)
religion
Christian 254.4
gen. wks. 291.6
see also other spec. rel.
safety *see* Safety measures
schools
gen. wks. 371.01
see also spec. levels of ed.
securities
administration
gen. wks. 350.72
see also spec. levels of govt.
economics
investments 332.633 2
transactions 336.31–.32
servants
economics
labor 331.795
production 338.1–.4
management *see* Personnel
see also Civil service
service occupations *see* Public servants
spending *see* Public expenditure
utilities
departments *see* Executive departments
govt. control
gen. wks. †350.87
see also spec. levels of govt.
services †363.6
welfare *see* Welfare
works
departments *see* Executive departments
engineering *see* Civil engineering
govt. control
gen. wks. 350.86
services 363.5
see also spec. levels of govt.
worship
Christian rel.
worship
Christian rel. (continued)
gen. wks. †264
Sunday schools 268.7
gen. wks. 291.38
mil. service *see* Special services
see also other spec. rel.
Publicity
advertising *see* Advertising
effects
psychology 155.9
sociology 301.152 3
religion
Christian 254.4
gen. wks. 291.6
see also other spec. rel.
salesmanship *see* Sales promotion
Publishers'
catalogs
books 015
see also s.s.–†029
Publishing
functions
libraries 025.12
museums 069.7
see also other spec. institutions
operations
economics 338.47+
technology 655.4–.5
Pucks *see* Recreational equipment
Puddings
cookery 641.864
food tech. 664.65
Puebla Mexico *area* –724
Pueblo Co. Colo. *area* –788 55
Pueblo
system *see* Individualized instruction
Puerperal
diseases
animals
gen. wks. 636.089+
see also spec. animals
man **618.7**
eclampsia *see* Eclampsia
metritis *see* Metritis
peritonitis *see* Peritonitis

Puerperal (continued)
psychoses *see* Psychoses
septicemia *see* Septicemia
Puerperium
diseases *see* Puerperal diseases
management
animals
gen. wks. 636.089+
see also spec. animals
man 618.6
physiology
animals
vet. sci. 636.089+
zoology 591.16
see also spec. animals
man 612.63
Puerto Rico *area* –729 5
Puffballs
agriculture
economics 338.17+
technology 635.8
food 641.35+
processing *see spec. products*
see also Lycoperdales
Puffbirds *see* Piciformes
Puffins *see* Charadriiformes
Puget Sound Wash. *area* –797 7
Pugilism *see* Boxing
Pugs *see* Miniature dogs
Pulaski Co.
Ark. *area* –767 73
Ga. *area* –758 52
Ill. *area* –773 998
Ind. *area* –772 925
Ky. *area* –769 63
Mo. *area* –778 57
Va. *area* –755 775
Pulleys
engineering *see* Flexible connections
physics *see* Simple machines
Pullorum
disease *see* Salmonella diseases
Pulmonary
diseases *see* Respiratory diseases
tuberculosis
public health 614.542
see also Respiratory diseases
Pulmonata
culture 639.48+
paleozoology 564.3+
zoology 594.38
Pulp
manufacture *see* Pulping
products
manufacture
economics 338.47+
technology 676.18
marketing 658.809+
properties
construction 691.9
engineering 620.19
see also Paper
Pulpboards *see* Pulp products
Pulping
economics 338.47+
technology 676.1
Pulpit
platforms *see* Church buildings
Pulpits *see* Sacred furniture
Pulpwood
forest products 634.983
see also spec. trees
Pulse
modulation *see* Circuitry
Pulse-jet
engines *see* Jet engines
Pulse-modulated
radar *see* Radar
Pulsometers *see* Pumps
Pumice
geology
gen. wks. 553.65
petrology *see* Volcanic rocks
industries
mining
economics 338.27+
technology 622.36+
see also spec. applications
Pumping
rams *see* Rams (hydraulic)
Pumpkins *see* Cucurbita
Pumps
engineering
economics 338.47+
technology
hydraulic 621.252

Pumps
engineering
technology (continued)
mechanical **621.64–.69**
steam 621.197 3
see also other spec. branches
see also spec. applications
Punch-&-die
machines *see* Pressing-machinery
Punched-card
sorters *see* Sorting-machines
Punching-machinery
engineering
economics 338.47+
technology
gen. wks. 621.96
see also spec. branches
see also spec. applications
Pungent
flavorings *see* Sweet spices
Punic *see* Canaanite-Phoenician
Punica granatum *see* Pomegranates
Punicaceae *see* Lythrales
Punishments
criminology
criminals **364.6**
prisoners 365.644
mil. sci.
gen. wks. **355.133**
see also spec. mil. branches
religion *see* Eschatology
school discipline
gen. wks. †371.54
see also spec. levels of ed.
see also Judicial system
Punjab
India ***area* –545**
Pakistan ***area* –†549 14**
Punjabi *see* Prakrits
Puno Peru *area* –853
Punting *see* Boating
Punts *see* Hand-propelled craft
Pupipara *see* Cyclorrhapha
Puppet
plays *see* Miniature theater
Puppetry *see* Miniature theater
Puppets *see* Toys
Puranas
literature 891.2
religion 294.592 5
Purchasing operations
gen. wks *see* Procurement
libraries *see* Order work
Pure
democracy
pol. sci. 321.4
see also spec. areas
sciences *see* Sciences
Purgatives *see* Gastroenteric drugs
Purgatory
folklore
hist. & criticism 398.4
legends 398.2
religion
Christian 236.5
gen. wks. 291.23
see also other spec. rel.
Purified
pulp *see* Alpha cellulose
Purim *see* Holy days
Purines *see* Heterocyclic compounds
Puritanism
churches
religion 285.9
see also Church buildings
history *see* Reformation
Purposive
psychologies *see* Functionalism
Purses *see* Luggage
Purslanes *see* Caryophyllales
Pursuit
aviation forces *see* Air forces
planes *see* Heavier-than-air aircraft
Pushball *see* Football
Pushmataha Co. Okla. *area* –766 65
Pustular
eruptions
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.52**
pediatrics **618.92**

Putnam Co.
Fla. *area* –759 17
Ga. *area* –758 576
Ill. *area* –773 375
Ind. *area* –772 49
Mo. *area* –778 23
N.Y. *area* –747 32
O. *area* –771 18
Tenn. *area* –768 67
W.Va. *area* –754 35
Putters *see* Recreational equipment
Putumayo Colombia *area* –861 6
Puy-de-Dôme France *area* –445 91
Puzzles
entertainment **793.73**
folklore 398.6
see also Literature
Pycnodontoidea *see* Holostei
Pycnogonida
culture 639.5
paleozoology 565.394
zoology 595.394
Pycnogonomorpha *see* Pycnogonida
Pyelitis *see* Renal disorders
Pyelocystitis *see* Renal disorders
Pyelonephritis *see* Renal disorders
Pyemia *see* Septicemia
Pylorus *see* Stomach
Pyometra *see* Gynecology
Pyramidal
tract
medulla oblongata *see* Brain
spinal cord *see* Spinal cord
Pyrans *see* Heterocyclic compounds
Pyrargyrite
mineralogy 549.35
see also Silver geology
Pyrazoles *see* Heterocyclic compounds
Pyrenees
France *area* –448 9
gen. wks. *area* –465 2
Pyrénées-Orientales
France *area* –448 9
Pyrenomycetes *see* Ascomycetes
Pyrethrum
agriculture
economics 338.17+
technology 633.898
processing *see spec. products*
see also Asterales
Pyrheliometers *see* Heliostats
Pyridines *see* Heterocyclic compounds
Pyridoxin *see* Vitamins
Pyrite
mineralogy 549.32
see also Sulfur geology
Pyroclastic
rocks *see* Volcanic rocks
Pyroelectricity
crystallography 548.85
mineralogy 549.127
physics 537.244
Pyrography *see* Wood carvings
Pyrolusite
mineralogy 549.524
see also Manganese geology
Pyrolysis
qual. analysis
gen. wks. 544.2
organic 547.34+
quan. analysis
gen. wks. 545.42
organic 547.35+
Pyromagnetism
physics 538.3
see also Pyroelectricity
Pyromania *see* Personality-disorders
Pyrometallurgy *see* Metallurgy
Pyrometers
manufacture
economics 338.47+
technology 681.2
see also Pyrometry
Pyrometry
chem. tech. 660.29+
chemistry 541.36
physics 536.52
Pyrotechnical
signals *see* Communication systems
Pyrotechnics *see* Fireworks
Pyrotheria *see* Paenungulata
Pyrroles *see* Heterocyclic compounds

Pyrrophyta
  botany 589.43
  culture 635.939+
  paleobotany 561.93
Pyrus *see* Pears
Pyx *see* Eucharistic vessels

Q

Q
  fever *see* Rickettsial diseases
Qatar *area* –536 3
Qattara Depression Egypt *area* –622
Qoran *see* Koran
Quack
  grass
    agricultural pests 632.58
    see also Pooideae
Quackery
  govt. control
    gen. wks. †350.77
    see also spec. levels of govt.
  medicine
    animals
      gen. wks. 636.089+
      see also spec. animals
    man 615.856
    see also spec. diseases
  see also Defrauding
Quadrants
  astronomy 522.41
  manufacture
    economics 338.47+
    technology 681.2
  nautical *see* Nautical equipment
  see also other spec. applications
Quadratic
  equations *see* Equations
Quadrilles *see* Dancing
Quadruplets
  children *see* Children
  sociology **301.431**
  see also Multiple pregnancy
Quagga *see* Equidae
Quails
  conservation 639.97+
  culture 636.5
Quails (continued)
  food *see* Poultry
  hunting
    industries 639.12+
    sports 799.248+
  see also Galli
Quakers *see* Society of Friends
Qualitative
  analysis
    chemistry
      gen. wks. **544**
      organic **547.34**
    sound
      gen. wks. 534.44
      subsonic *see* Subsonics
      ultrasonic *see* Ultrasonics
Quality
  control
    mathematics 519.93
    production *see* Operational management
  see also Statistical method
Quantics
  algebra 512.87
  see also *s.s.*–015+
Quantitative
  analysis
    chemistry
      gen. wks. **545**
      organic **547.35**
    sound
      gen. wks. 534.45
      subsonic *see* Subsonics
      ultrasonic *see* Ultrasonics
  psychology
    animals **†156.2+**
    gen. wks. **†152.8**
Quantity (metaphysical)
  gen. wks. 119
  see also spec. philosophers
Quantity
  cookery
    economics **338.47+**
    technology **641.57**
Quantum
  chemistry
    gen. wks. †541.28
    organic †547.1+

Quantum (continued)
  mechanics
    chemistry *see* Quantum chemistry
    physics
      gen. wks. **530.12**
      see also spec. applications
  statistics
    chemistry *see* Quantum chemistry
    physics
      gen. wks. 530.133
      see also spec. branches
  theories
    chemistry *see* Quantum chemistry
    physics
      gen. wks. 530.12
      light 535.15
      see also other branches
Quarantine
  disease control
    animals
      gen. wks. 636.089+
      see also spec. animals
    man 614.46
    plants
      gen. wks. 632.93
      see also spec. plants
    see also spec. diseases
  govt. control
    gen. wks. †350.77
    see also spec. levels of govt.
Quarrying *see* Underground mining
Quarter
  horses *see* Ponies
Quartermasters *see* Special services
Quarters
  gen. wks. *see* Housing (dwellings)
  mil. sci.
    administration 355.67
    gen. wks. 355.71
    see also spec. mil. branches
Quartz
  mineralogy 549.68
  see also spec. forms
Quartzites *see* Metamorphic rocks
Quasi
  contract law *see* Private law
Quaternary
  period *see* Cenozoic era
Quaternions
  algebra 512.893
  analysis 516.82
  see also *s.s.*–015+
Quay Co. N.M. *area* –789 26
Quay
  buildings *see* Transportation buildings
Quays *see* Docks
Quebec (province) *area* –714
Quebec Co. Que. *area* –714 47
Queen
  Annes Co. Md. *area* –752 34
  Charlotte Isls. B.C. *area* –711 31
Queen
  Anne's lace *see* Umbelliflorae
  bees *see* Bees
Queens Co.
  N.B. *area* –715 42
  N.Y. *area* –747 24
  N.S. *area* –716 24
  P.E.I. *area* –717 4
Queens *see* Royalty
Queen's Birthday *see* Holidays
Queensland *area* –943
Querétaro Mexico *area* –724
Quiche *see* Macro-Penutian
Quiddity *see* Essence
Quiet
  zones *see* Medical centers
Quiinaceae *see* Guttiferales
Quillworts *see* Isoetales
Quilting
  crafts 746.46
  industry
    economics 338.47+
    technology 677.6
Quilts
  handcrafts 746.46
  see also Bedspreads
Quince
  agriculture
    economics 338.17+
    technology **634.14**
  food 641.34+

Quince (continued)
processing *see spec. products*
see also Rosales
Quinine
agriculture 633.88+
botany *see* Rubiales
see also Botanical drugs
Quinolines *see* Heterocyclic compounds
Quinonization *see* Oxidation
Quintana Roo Mexico *area* –726
Quintuplets
children *see* Children
sociology **301.431**
see also Multiple pregnancy
Quitman Co.
Ga. *area* –758 924
Miss. *area* –762 45
Quiz
programs
advertising *see* Broadcast advertising
entertainment *see spec. mediums*
Quizzes
games *see* Puzzles
tests *see spec. kinds*
Quoits
activity *see* Pitching games
equipment *see* Recreational equipment
Quotations
literature
gen. wks. 808.882
see also spec. lit.
see also Collected writings
Quran *see* Koran

R

RFD *see* Postal communication
RR Lyrae *see* Variable stars
Rabbi *see* Clergy
Rabbinical
writings
literature *see spec. literatures*
religion **296.1**
Rabbit Ears Range Colo.
gen. wks. *area* –788 65
see also other areas
Rabbit
fever *see* Pasteurella diseases
Rabbit-hair
textiles *see* Specialty textiles
Rabbits *see* Lagomorphs
Rabies
disease *see* Zoogenous diseases
vaccine *see* Serums
Rabun Co. Ga. *area* –758 12
Raccoon
Mts. Ala. ***area* –761 6**
River Ia.
gen. wks. ***area* –777 4**
see also other areas
Raccoons *see* Procyonines
Race
animals *see* Sporting animals
horses
culture
gen. wks. 636.108+
spec. breeds 636.12
see also Equidae
Racemization *see* Polarization
Races
domestic animals *see* Genetics
human *see* Ethnology
Racetrack
buildings *see* Recreation buildings
Racial
differences *see* Ethnology
discrimination *see* Discriminatory practices
groups *see* Ethnic groups
integration
education
gen. wks. **370.193 4**
see also spec. levels of ed.
ethics **177**
pol. sci. *see* Civil rights
sociology **301.45**
music *see* Ethnic music

Racial (continued)
segregation
education
gen. wks. **370.193 4**
see also spec. levels of ed.
ethics **177**
pol. sci. *see* Civil rights
sociology **301.45**
see also Discriminatory practices
Racine Co. Wis. *area* –775 96
Racing
aircraft *see* Air sports
animals
customs 394.3
ethics 175.7
gen. wks. 798.8
boats *see* Boating
horses *see* Equestrian sports
motor vehicles *see* Motoring
people *see* Track athletics
Racing-cars *see* Motor vehicles
Racing-games *see* Child play
Racing-yachts *see* Sailing craft
Rack
railways *see* Special-purpose railways
Racket
games
customs 394.3
gen. wks. **796.34**
Racketeering *see* Offenses
Racketeers *see* Offenders
Rackets (game) *see* Racket games
Rackets (sporting goods) *see* Recreational equipment
Racon
engineering *see* Radar
navigation
aircraft 629.132 51
ships 623.893 3
Radar
astronomy
gen. wks. 523.017
see also spec. celestial bodies
engineering
economics **338.47+**
Radar engineering (continued)
technology
gen. wks. **621.384 8**
military 623.734 8
see also spec. branches
platforms *see* Artificial islands
see also Telecommunication
Radarscopes *see* Radar
Radford Va. *area* –755 78
Radiant
panel heating
gen. wks. 697.72
see also spec. applications
Radiata *see* Metazoa
Radiation
ionizing *see* Ionizing radiation
paraphotic *see* Paraphotic phenomena
radio waves *see* Hertzian waves
solar *see* Solar radiation
terrestrial
gen. wks. 525.2
meteorology 551.527 2
see also Paraphotic phenomena
thermal *see* Heat transfer
visible light *see* Light (radiation)
Radiative
heating
engineering
central **697.4–.5**
local 697.1
see also Radiant panel heating
see also spec. applications
Radical
identification *see* Systematic separations
Radicals
chemistry *see* Bonds (chemistry)
mathematics *see* Evolution
Radiesthesia *see* Divination
Radio
advertising *see* Broadcast advertising
astronomy
gen. wks. 523.016

Radio
astronomy (continued)
see also spec. celestial bodies
beacons *see* Position finders
buildings *see* Commercial buildings
classes *see* Extension
compasses *see* Direction finders
engineering
economics 338.47+
technology
gen. wks. 621.384
military 623.734
journalism *see* Journalism
music
gen. wks. 782.86
see also spec. mediums
physics 537.534
plays *see* Drama
programs
ethics 175.1
production
gen. wks. 791.44
management 658.91+
teaching *see* Audio-visual materials
see also Telecommunication
Radioactivation
analysis *see* Radiochemical analysis
Radioactive
decay *see* Transmutations
isotope therapy *see* Actinotherapy
isotopes
chemistry
gen. wks. 541.388 4
technical 660.29+
engineering
economics 338.47+
technology
gen. wks. 621.483 7
see also spec. branches
physics 539.74–.75
see also spec. applications
methods
physical exploration *see* Geophysical exploration
Radioactive (continued)
tracer techniques *see* Radiochemical analysis
Radio-beam
antennas *see* Antennas
Radiobroadcasting *see* Telecommunication
Radiocarbon
dating *see* Radiochemistry
Radiochemical
analysis
chemistry
gen. wks. 545.82
organic 547.35+
see also Instrumental analysis
see also spec. applications
Radiochemistry
gen. wks. 541.38
organic 547.1+
technical 660.29+
see also spec. applications
Radiocommunication *see* Telecommunication
Radiofacsimile *see* Telecommunication
Radio-frequency
heating
cookery *see* Special-equipment cookery
food preservation *see* Food preservation
Radiography
gen. wks. 778.33
see also spec. applications
Radiolaria
culture †639.73+
paleozoology 563.1
zoology 593.14
Radiological
warfare *see* Nuclear warfare
Radiometers *see* Photometers
Radiophotography *see* Telecommunication
Radiotelegraphy *see* Telecommunication
Radiotelephony *see* Telecommunication
Radioteletype *see* Telecommunication

Radiotherapy *see* Actinotherapy
Radishes
agriculture
economics 338.17+
technology 635.15
food 641.35+
processing *see spec. products*
see also Cruciales
Radium
compounds
chemistry 546.396
manufacture 661.039+
pharmacology
gen. wks. 615.2+
veterinary 636.089+
fabrication *see* Radium industries
geology
gen. wks. 553.493
mineralogy †549.528
industries
extractive
metallurgy 669.29+
mining 622.349+
manufacturing
economics 338.47+
technology 673.29+
metallography *see* Radium properties
mineralogy *see* Radium geology
mining *see* Radium industries
products *see spec. subj.*
properties
chemistry 546.396
engineering 620.189 2+
metallography 669.952+
see also Radiochemistry
therapy *see* Actinotherapy
Radius *see* Bones
Radnor Wales *area* –429 6
Radon *see* Rare gases
Raeto-Romanic *see* Rhaeto-Romanic
Raffia
fibers *see* Basketry fibers
Raffiawork *see* Braiding
Raffinose *see* Sugars
Rage *see* Emotions
Ragtime *see* Jazz
Ragusa Sicily *area* –458 15
Ragweed
agricultural pests 632.58
see also Asterales
Rail
anchors *see* Rail fastenings
fastenings
engineering 625.15
manufacture
economics 338.47+
technology 621.88
joints *see* Rail fastenings
Railroad
bridges *see* Bridges
cars *see* Trains
cookery *see* Quantity cookery
engines *see* Locomotives
insurance *see* Transportation insurance
shop buildings *see* Transportation buildings
snowplows *see* Trains
station buildings *see* Transportation buildings
ties
gen. wks. *see* Tracks (railroads)
manufacture *see* Sawmill products
troops *see* Engineer forces
tunnels *see* Tunnels
Railroading
engineering 625.27
management 658.91+
services 385
Railroads
eng. & construction
economics 338.47+
technology
gen. wks. 625.1
military 623.631
see also Transportation services
Rails (birds)
culture 636.6
hunting
industries 639.12+

Rails (birds)
hunting (continued)
sports 799.248+
see also Gruiformes
Rails (railroads)
engineering 625.15
manufacture
gen. wks. 671.82
see also spec. metals
Railways *see* Railroads
Rain
climatology **†551.64+**
meteorology **†551.578 1**
Rainbows
meteorology †551.567
physics 535.4
Raincoats *see* Garments
Rainfall *see* Rain
Rains Co. Tex. *area* –764 275
Rainstorms *see* Storms
Rainy
Lake & River
gen. wks. *area* –776 79
see also other areas
River District Ont. *area* –713 117
Raises
mining *see* Shafts
roads *see* Trafficways
Rajasthan India *area* –544
Rakes
agriculture
gen. wks. 631.315
see also Tillage
manufacture
economics 338.47+
technology 681.7
Raleigh Co. W.Va. *area* –754 73
Raleigh
scattering *see* Spectroscopy
Ralls Co. Mo. *area* –778 355
Raman
effect *see* Spectroscopy
Ramayana
literature 891.2
religion 294.592 2
Rambler
houses *see* Residential buildings
Ramie
agriculture
economics 338.17+
technology **633.55**
Ramie (continued)
processing *see spec. products*
textiles
manufacture
economics 338.47+
technology 677.15
see also spec. applications
see also Urticales
Ramps *see* Stairs
Rams (animals) *see* Sheep
Rams (hydraulics)
engineering 621.27
see also spec. applications
Ramsey Co.
Minn. *area* **–776 58**
N.D. *area* –784 36
Ranales
botany 583.11
floriculture 635.933+
Ranch
houses *see* Residential buildings
Ranches
farming *see* Stock (animals) ranches
recreational *see* Outdoor life
Randall Co. Tex. *area* –764 834
Randers Denmark *area* –489 5
Randolph Co.
Ala. *area* –761 57
Ark. *area* –767 24
Ga. *area* –758 93
Ill. *area* –773 92
Ind. *area* –772 66
Mo. *area* –778 28
N.C. *area* –756 61
W.Va. *area* –754 85
Random
sampling *see* Statistical method
Range
finders
military
manufacture
economics 338.47+
technology 623.46
mil. sci.
gen. wks. 355.82
see also spec. mil. branches

Range
finders
mil. sci. (continued)
photography *see* Cameras
land *see* Grasslands
Rangeley Lakes Me. *area* **–741 7**
Rankin Co. Miss. *area* –762 59
Ranks
religious *see* Clergy
social *see* Social classes
Ransom Co. N.D. *area* –784 315
Ranunculaceae *see* Ranales
Rapa Isl. *area* –962 2
Rapateaceae *see* Xyridales
Rape
crime *see* Offenses
sex *see* Sexual disorders
Raphanus sativus *see* Radishes
Rapid
transit
railways
eng. & construction
economics **338.47+**
technology **625.4**
see also Transportation services
Rapides Par. La. *area* –763 69
Rapists *see* Offenders
Rappahannock
Co. Va. *area* –755 395
River Va.
gen. wks. *area* **–755 2**
see also other areas
Rare
books
gen. wks. **090**
library treatment 025.171
gases
fabrication *see* Rare gases industries
industries
manufacturing 665.822
products *see spec. subj.*
properties
chemistry **546.75**
see also Radiochemistry
Rare-earths
compounds
chemistry **546.4**
manufacture **661.04**
Rare-earths
compounds (continued)
pharmacology
gen. wks. **615.2+**
veterinary **636.089+**
fabrication *see* Rare-earths industries
geology
gen. wks. 553.493
mineralogy *see spec. minerals*
industries
extractive
metallurgy 669.29
mining **622.349+**
manufacturing
economics **338.47+**
technology **673.29**
metallography see Rare-earths properties
mineralogy *see* Rare-earths geology
mining *see* Rare-earths industries
products *see spec. subj.*
properties
chemistry **546.4**
engineering **620.189 2**
metallography **669.952+**
see also Radiochemistry
Rarefaction
of gases *see* Vacuum
Raritan River N.J.
gen. wks. *area* –749 44
see also other areas
Rasers
engineering
gen. wks. 621.381 535
see also spec. branches
physics **537.534**
see also spec. applications
Rashes *see* Skin disorders
Rasp
carving *see* Wood carvings
Raspberries
agriculture
economics 338.17+
technology 634.711
food 641.34+
marketing 658.809+

Raspberries (continued)
processing *see spec. products*
see also Rosales
Rasps *see* Abrading-machinery
Rat
fishes
culture 639.37+
see also Chimaerae
Ratchets *see* Gears
Ratio *see* Proportion
Rational
thought *see* Reasoning
see also Rationalism
Rationalism
philosophy **149.7**
psychology
gen. wks. 150.192
see also spec. aspects
religion
gen. wks. 211.4
see also spec. rel.
Rationing *see* Restricted consumption
Rations *see* Food supply
Rats *see* Myomorphs
Rattan
fibers *see* Basketry fibers
Rattanwork *see* Braiding
Rattlesnake
ferns *see* Eusporangiated ferns
Ravalli Co. Mont. *area* –786 89
Ravenna Italy *area* –454 7
Raw
rubber *see* Elastomers
Rawlins Co. Kan. *area* –781 125
Ray Co. Mo. *area* –778 19
Ray
counters *see* Particle detectors
Rayon
textiles *see* Cellulosics
Rays (animals) *see* Batoidea
Razor
blades *see* Personal grooming equipment
Razors *see* Personal grooming equipment
Reaction
kinetics
gen. wks. **541.39**
organic chem. **547.1+**
technical chem. **660.29+**
Reaction-time
studies *see* Quantitative psychology
Reactors
chem. eng. *see* Process equipment
engineering
electrical 621.313 7
nuclear **621.483–.484**
physics
electrical 537.63
nuclear **539.75–.76**
see also spec. kinds
Reader
advisory services
libraries **025.54**
museums 069.1
see also other spec. institutions
Readers
elementary ed. 372.412
linguistics
English **428.6**
see also other spec. languages
Reading
gen. wks. **028**
linguistics
English **428.4**
see also other spec. languages
psychology †153.7
study & teaching
elementary schools **372.4**
see also *s.s.*–07
Reading-rooms
library equip. 022.5
museum equip. 069.2
Ready-to-eat
cereals
food **641.331**
manufacture
economics †338.47+
technology †664.756
marketing †658.809+
Reagan Co. Tex. *area* –764 873

Reagents
analytic chem.
gen. wks. 543.01
organic 547.3+
manufacture **661**
Real Co. Tex. *area* –764 883
Real
property
gen. wks. *see* Real-estate
law *see* Private law
variables *see* Functional analysis
Real-estate
business
economics **338.47+**
management **658.91+**
technology **658.809+**
credit *see* Credit
economics **333.33**
law *see* Private law
taxes *see* Taxation
title *see* Title (land)
Realgar
mineralogy 549.32
see also Arsenic geology
Realism
arts 709.03+
literature 808.801 2
philosophy 149.2
religion
gen. wks. 291.14
see also spec. rel.
Reality
metaphysics **111.1**
see also Cognition
Realization
accounting *see* Financial accounting
Realty
law *see* Private law
Reaming-machinery *see* Perforating-machinery
Reapers *see* Harvesting equipment
Reaping *see* Harvesting techniques
Reasoning
philosophy **160**
psychology
animals **†156.3+**
gen. wks. **†153.43**
Rebellion *see* Civil war
Receivers
communication *see* Telecommunication
radio eng.
economics **338.47+**
technology **621.384 136**
see also other eng. branches
Receiving
antennas *see* Antennas
Recent
Christian sects
religion 289.9
see also Church buildings
epoch *see* Cenozoic era
Receptacles *see* Containers
Receptionists *see* Office personnel
Receptions *see* Hospitality
Recessions
economic *see* Business cycles
Recidivists *see* Offenders
Recipes
food *see* Cookery
formulas *s.s.*–021 2
Reciprocal
equations *see* Equations
Reciprocating
air motors *see* External-combustion engines
compressors *see* Air compressors
engines *see* Engines
pumps *see* Pumps
Reciprocation
geometry *see* Geometric transformations
Recitals
gen. wks. 780.73
see also spec. mediums
Recitations *see* Speeches
Reclamation
land *see* Land reclamation
soil *see* Soil conservation
water *see* Water reclamation
Recoil *see* Gunnery
Recollects *see* Franciscans

Reconnaissance
aircraft *see* Heavier-than-air aircraft
surveys *see* Surveying
tactics *see* Field service
Record
offices *see* Government buildings
Recorders (musical instrument) *see* Flutes
Recording
accounting *see* Bookkeeping
printed matter *see* Cataloging
Recording-machines *see* Electroacoustical devices
Recording-meters *see* Meters
Recordings
gen. wks. *see* Electroacoustical devices
library treatment 025.178
see also *s.s.*–020 8
Records
management
services **651.5**
supplies *see* Supply administration
Recreation (activity) *see* Recreational activities
Recreation
buildings
architecture **725.8**
construction
economics **338.47+**
technology **690.5+**
housekeeping **647.96+**
interior decoration **747.8+**
pub. health 614.79
pier buildings *see* Recreation buildings
rooms *see* Rooms
Recreational
activities
customs **394**
ethics **175**
folklore 398.8

Recreational
activities (continued)
mil. sci. *see* Special services
performance **790**
student life
gen. wks. †371.892
see also spec. levels of ed.
see also Child play
equipment
manufacture
economics **338.47+**
technology **688.7**
marketing **658.809+**
see also spec. applications
land
geography *see spec. areas*
land economics 333.78
landscaping 712.5
planning
civic art
cities 711.558
gen. wks. 719.32
sociology 301.34
see also spec. activities
parks *see* Recreational land
therapy *see* Mental therapies
Recruitment
employees
business **658.311**
government
gen. wks. **350.13**
see also spec. levels of govt.
men *see* Manpower mobilization
soldiers
gen. wks. **355.22**
see also spec. mil. branches
women *see* Womanpower mobilization
Rectal
medication
med. sci. 615.62
vet. sci.
gen. wks. 636.089+
see also spec. animals
see also spec. diseases
valves *see* Proctology

Rectification
control devices *see* Automatic control
electronics *see* Circuitry
Rectifiers
control devices *see* Automatic control
current generation *see* Alternating-current machinery
Rectories *see* Parsonages
Rectors *see* Clergy
Rectum *see* Proctology
Red
Deer River Alta. *area* –712 33
Lake Co. Minn. *area* –776 96
River (southern)
gen. wks. ***area* –766 6**
La. ***area* –763 6**
River Co. Tex. *area* –764 21
River of the North
gen. wks. ***area* –784 1**
Man. *area* –712 74
Minn. ***area* –776 9**
River Par. La. *area* –763 64
Sea *see* Indian Ocean
Red
algae *see* Rhodophyta
corpuscles
histology *see* Histology
Cross
nursing *see* Nursing
gum trees *see* Gum trees
ironwood *see* Theales
meats
cookery **641.66**
gen. wks. **641.36**
preservation
commercial **664.92**
home **641.492**
peppers *see* Peppers
seaweeds *see* Rhodophyta
Redbud
trees *see* Judas trees
Redemption
religion
Christian 234.3
gen. wks. 291.22
see also other spec. rel.
see also Atonement
Redemption of first-born male *see* Rites

Redemptorists
history 271.6
see also Religious congregations
Rediscount *see* Discount
Redistricting *see* Representation
Redox
methods *see* Volumetric analysis
Redtop *see* Bent grasses
Reducing
enzymes *see* Enzymes
of overweight *see* Body contours
salons *see* Slenderizing-salons
Reduction (process)
chem. tech.
gen. wks. 660.284 4+
see also spec. products
chemistry
inorganic 546.123
organic 547.23
see also spec. applications
Reduction
printing *see* Photoduplication
Reductionism
philosophy 146.6
psychologies
gen. wks. **150.194**
see also spec. aspects
Redwillow Co. Neb. *area* –782 84
Redwood Co. Minn. *area* –776 35
Redwood
trees *see* Sequoia trees
Reed
fibers *see* Basketry fibers
instruments
manufacture
economics **338.47+**
technology **681.81+**
music **†788.056**
organs
manufacture
economics 338.47+
technology 681.81+
music **786.94**
Reefs *see* Islands
Reemployment
labor economics 331.138

Reemployment (continued)
  management 658.311 1
Re-entry
  problems
    engineering **629.415**
    physics 531.555 8
Reeves Co. Tex. *area* –764 924
Re-export
  trade *see* Trade (activity)
Reference
  libraries *see* Research libraries
  services
    libraries 025.52
    museums 069.1
    see also other spec. institutions
Refinery
  gas *see* Industrial gases
Reflecting circles
  astronomy 522.41
  manufacture
    economics 338.47+
    technology 681.2
  see also spec. applications
Reflection
  light *see* Light (radiation)
  radio waves *see* Hertzian waves
  sound waves 534.204
  thermal *see* Heat transfer
Reflective
  thought *see* Thought processes
Reflex
  actions
    biology
      animals 591.18
      gen. wks. 574.18
      plants 581.18
      see also spec. organisms
    cells *see* Cytology
    med. sci.
      animals
        gen. wks. 636.089+
        see also spec. animals
      man 612.816
    psychology
      animals **†156.2+**
      gen. wks. **†152.322**
Reflexology *see* Reductionism
Reforestation *see* Forestation
Reform
  movements
    pol. status 322.4
    see also Group behavior
  school
    areas *see* Prison areas
    buildings *see* Prison buildings
  schools *see* Reformatories
Reformation
  church history 270.6
  gen. history 940.23
Reformative
  measures
    criminology 364.6
    penology 365.7
Reformatories
  administration
    gen. wks. †350.84
    see also spec. levels of govt.
  criminology **364.7**
Reformatory
  areas *see* Prison areas
  buildings *see* Prison buildings
  labor *see* Prison labor
Reformed
  churches
    religion
      American **285.7**
      European **284.2**
    see also Church buildings
Reformed-natural
  gas *see* Industrial gases
Reformed-refinery
  gas *see* Industrial gases
Refraction
  astronomy
    corrections 522.92
    see also spec. heavenly bodies
  physics
    heat 536.32
    light 535.324
    sound waves 534.205
  solutions
    chem. eng. 660.29+

Refraction (continued)
  chemistry
    gen. wks. 541.341 4
    organic 547.1+
  see also spec. applications
Refractivity *see* Refraction
Refractometric
  analysis *see* Optical analysis
Refractories *see* Refractory materials
Refractory
  materials
    geology 553.67
    manufacture
      economics 338.47+
      technology 666.72
    marketing 658.809+
    metallurgical use 669.82
    mining
      economics 338.27+
      technology 622.36+
    see also other spec. applications
Refreshment
  buildings *see* Restaurant buildings
Refreshments *see* Hospitality
Refrigerants *see* Coolants
Refrigeration *see* Cryogenics
Refrigerator
  cars *see* Trains
Refrigerators
  engineering
    economics 338.47+
    technology
      gen. wks. 621.57
      see also spec. branches
  home economics **643**
  see also spec. applications
Refuge
  houses *see* Almshouses
  programs *see* Wildlife reserves
Refugees *see* Displaced persons
Refugio Co. Tex. *area* –764 119
Refuse
  disposal
    operations *see* Waste disposal
    structures *see* Sanitary engineering
Refuse (continued)
  treatment *see* Garbage treatment
Regattas *see* Boating
Regencies *see* Executive departments
Regenerated
  cellulose
    textiles *see* Cellulosics
Regeneration
  religion
    Christian 234.4
    gen. wks. 291.22
    see also other spec. rel.
  tissue
    biology
      animals 591.1
      gen. wks. 574.1
      plants **581.17**
      see also spec. organisms
    med. sci.
      animals
        gen. wks. 636.089+
        see also spec. animals
      man 612
Reggio
  di Calabria Italy *area* –457 83
  nell' Emilia Italy *area* –454 3
Regimentation *see* Group behavior
Regiments *see* Organizational units
Regional
  diseases *see* Medical geography
  libraries *see* Public libraries
  planning *see* Planning
Registered
  mail *see* Postal communication
Registration
  aliens 350.8
  students
    gen. wks. 371.216
    see also spec. levels of ed.
  voters 324.241
  see also Accessioning
Regulatory
  agencies *see* Agencies
Rehabilitation
  industrial *see* Educational programs

Rehabilitation (continued)
psychology 157.94
veterans *see* Postmilitary benefits
welfare services **362**
see also Mental hygiene
Reincarnation
metaphysics 129.4
religion
gen. wks. 291.23
see also spec. rel.
Reindeer *see* Deer
Reinforced
concrete
blocks *see* Artificial stones
Relapsing
fevers
medicine **616.924 4**
pediatrics **618.92+**
pub. health 614.5
Relative
sampling *see* Statistical method
Relativity
astronomy **521.1**
philosophy 115.4
physics
gen. wks. 530.11
see also spec. applications
Relay
communication systems *see* Telecommunication
Relays *see* Control devices
Relics
archeology *see* Ancient world
religion
gen. wks. 291.37
see also spec. rel.
Relief (surface)
engraving *see* Carving-techniques
engravings
gen. wks. **769**
see also Carvings
printing
arts
gen. wks. **761**
textiles 746.6
Relief (surface)
printing (continued)
industries
economics 338.47+
technology
gen. wks. 655.312–.314
textiles 667.38
Relief (welfare) *see* Welfare
Reliefs
architecture 729.5
sculpture **731.54**
Religion
gen. wks. **200**
govt. control
gen. wks. †350.85
see also spec. levels of govt.
see also Religious
Religious
architecture *see* Ecclesiastical buildings
art
gen. wks. **704.948**
see also spec. art forms
associations *see* Religious organizations
calendar *see* Liturgical year
centers
geography *see spec. areas*
landscaping 712.7
planning
civic art 711.56
sociology 301.34
congregations
Christian
church history **271**
church polity 262.24
govt. & admin. **255**
gen. wks. 291.65
see also Monastic life
culture groups
geography **910.091+**
history **909.09+**
subject treatment ***area* –176**
doctrines *see* Dogmatism
education
nonsectarian schools 377.1
see also Religious training
experience
general
Christian **248.2**

Religious experience
general (continued)
gen. wks. 291.42
see also other spec. rel.
monastic *see* Monastic life
freedom
pol. sci. 323.442
religion
Christian 261.72
gen. wks. 291.17+
see also other spec. rel.
holidays *see* Holy days
law
Christian **†262.9**
gen. wks. 291.84
see also other spec. rel.
music *see* Sacred music
orders *see* Religious congregations
organizations
library services
gen. wks. 027.67
see also spec. functions
religion
Christian **267**
gen. wks. 291.65
services *see* Public worship
societies *see* Religious organizations
Society of Friends *see* Society of Friends
symbolism *see* Symbolism
tolerance
ethics †177.7
pol. sci. 322.1
religion
Christian 261.5
gen. wks. 291.17+
see also other spec. rel.
training
Christian religion **268**
gen. wks. 291.7
home training 649.7
see also other spec. rel.
vocation *see* Monastic life
wars
history 904.7
religion
Christian *see* Reformation
gen. wks. 291.7
see also other spec. rel.
Relishes *see* Auxiliary foods
Remainders (books) *see* Book trade
Remedial
arithmetic *see* Arithmetic
education *see* Adult education
reading
linguistics
English 428.42
see also other spec. languages
study & teaching
elementary schools 372.413
see also Linguistics
Remedies
legal *see* Judicial system
medical *see* Pharmacology
Reminiscences *see* Diaries
Remodeling
clothing *see* Garments
homes *see* Household repairs
Remonstrants *see* Arminian
Remuneration *see* Wages
Renaissance
period
church history 270.5
gen. history 940.21
Renal
calculi *see* Urinary disorders
disorders
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.61**
pediatrics **618.92+**
surgery **617.461**
organs *see* Kidneys
Renfrew Co.
Ont. *area* –713 81
Scotland *area* –414 1
Reno Co. Kan. *area* –781 83
Rensselaer Co. N.Y. *area* –747 41
Rent
economics
commodities **338.1–.4**
land 333.5
see also Rental

Rental
economics
commodities **338.1–.4**
land 333.334
home economics 643
Rental-libraries
gen. wks. **027.3**
see also spec. functions
Renville Co.
Minn. *area* –776 34
N.D. *area* –784 64
Repatriation
laws †340
pol. sci. 323.64
Repatriation of prisoners *see* War prisoners
Repeated
decimals *see* Series
shock *see* Rigidity tests
Repentance
dogmatics
Christian 234.5
gen. wks. 291.22
see also other spec. rel.
penance *see* Sacraments
Reports
collections *see* Collected writings
law *see* Cases
library treatment 025.173
Repoussé
work *see* Hammering metals
Representation
elections
law †340
pol. sci. 324.22
employee *see* Employer-employee relationships
Representative
democracy
pol. sci. 321.8
see also spec. areas
money *see* Noncommodity money
Reprieves *see* Reformative measures
Reprints
publishing *see* Publishing
selling *see* Book trade
Reproaches *see* Penitential music
Reproducing-pianos *see* Mechanical musical instruments
Reproduction
biology
animals **591.16**
gen. wks. **574.16**
plants **581.16**
see also spec. organisms
cells *see* Cytology
med. sci.
animals
gen. wks. **636.089+**
see also spec. animals
man **612.6**
see also Breeding
Reproductive
adaptations *see* Breeding habits
organs
anatomy
biology
animals 591.46
gen. wks. 574.4
plants 581.46
see also spec. organisms
med. sci.
animals
gen. wks. **636.089+**
see also spec. animals
man **611.6**
diseases
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
female *see* Gynecology
male
gen. wks. **616.64–.69**
surgery **617.463**
drugs *see* Genital drugs
physiology *see* Reproduction
Reptiles
agricultural pests **632.6+**
culture **†639.39**
hunting
industry **†639.14**

Reptiles
hunting (continued)
sports **799.279+**
see also Reptilia
Reptilia
paleozoology **568.1**
zoology **598.1**
Republic Co. Kan. *area* –781 24
Republican River
gen. wks. *area* –781 2
Neb. *area* –782 3
Republican
Party *see* Political parties
Republican-Democratic
Party *see* Political parties
Republics
Greco-Roman *see* Pure democracy
representative *see* Representative democracy
Repulsion
motors *see* Alternating-current machinery
Requiems *see* Funeral music
Reredoses *see* Sacred furniture
Rescue
aircraft *see* Heavier-than-air aircraft
operations
technology
gen. wks. **614.8**
mining 622.86
seamanship 623.888 7
welfare services **361.5**
Research (activity)
gen. wks. **†001.4**
see also **s.s.–072**
Research
buildings
architecture **727.5**
construction
economics **338.47+**
technology **690.7+**
housekeeping **†647.99**
interior decoration **747.8+**
libraries
public †027.424
spec. subj. **026**
see also spec. functions
Resedaceae *see* Violales
Reserved
lands
geography *see spec. areas*
land economics 333.7
planning
civic art **719.3**
sociology 301.34
see also spec. kinds
Reserves
banks *see* Financial institutions
mil. sci. *see* Combat units
Reservoirs
engineering
economics 338.47+
technology
gen. wks. 627.86
water storage 628.13
see also spec. applications
Residence
halls
gen. wks. *see* Public accommodations
schools *see* School buildings
Residences *see* Residential buildings
Residential
areas
geography *see spec. areas*
land economics 333.77
landscaping 712.6
planning
civic art 711.58
sociology 301.34
buildings
architecture **728**
construction
economics **338.47+**
technology **690.8**
interior decoration **747.8+**
clubs *see* Public accommodations
land *see* Residential areas
Residues
algebra *see* Numbers
chemistry *see* Precipitates
salvage *see* Waste salvage
Resin
by-products *see spec. industries*

Resin (continued)
plants
agriculture
economics 338.17+
technology 633.895
products *see* Saps
Resins
forest products *see* Saps
synthetic
manufacture
economics 338.47+
technology 668.374
see also spec. applications
Resistance
boxes *see* Resistance measurements
furnaces *see* Electric furnaces
measurements
electricity
engineering 621.374 2
physics 537.62
mechanics *see* Strength tests
see also Meters
standards *see* Measurements
Resistant
construction
buildings
economics 338.47+
technology 693.8
safety measures *see* Safety measures
ships *see* Hull construction
Resist-dyeing
crafts 746.6
industry
economics 338.47+
technology 667.3
Resolution (music) *see* Arrangement (music)
Resolution (optics) *see* Geometrical optics
Resonance
accelerators *see* Particle acceleration
Resonators
electronics
engineering
gen. wks. 621.381 332
Resonators
electronics
engineering (continued)
see also spec. branches
physics 537.534
music
gen. wks. 781.91
see also spec. instruments
Resorcinols *see* Aromatic compounds
Respiration
biology
animals 591.12
gen. wks. 574.12
plants 581.12
see also spec. organisms
cells *see* Cytology
med. sci.
animals
gen. wks. 636.089+
see also spec. animals
man 612.2
Respiratory
diseases
animals
vet. sci. 636.089+
zoology 591.2
man
gen. wks. 616.2
pediatrics 618.92+
surgery 617.54
drugs
pharmacodynamics
med. sci. 615.72
vet. sci.
gen. wks. 636.089+
see also spec. animals
see also Pharmacology
organs
anatomy
biology
animals 591.42
gen. wks. 574.4
plants 581.42
see also spec. organisms
med. sci.
animals 636.089+
man 611.2
see also other spec. organisms

Respiratory (continued)
diseases *see* Respiratory diseases
physiology *see* Respiration
system *see* Respiration
Responsibility *see* Accountability
Responsive
readings
Christian liturgy
gen. wks. 264.4
spec. denominations 264.01–.09
see also other spec. rel.
Rest
hygiene 613.79
mechanotherapy *see* Mechanotherapy
Restaurant
areas
planning
civic art 711.557
sociology 301.34
send also spec. areas
buildings
architecture 725.71
construction
economics 338.47+
technology 690.5+
housekeeping 647.96+
interior decoration 747.8+
cookery *see* Quantity cookery
meals
cookery *see* Quantity cookery
service 642.56
Restaurants *see* Public accommodations
Rest-homes *see* Convalescent homes
Restigouche Co. N.B. *area* –715 11
Restionaceae *see* Juncales
Restitution
coefficients *see* Deformation
Restorative
surgery *see* Plastic surgery
Restrained
beams *see* Beams
Restricted
consumption
economics
gen. wks. 339.47
Restricted
consumption
economics (continued)
see also spec. elements
govt. control
gen. wks. 350.829
see also spec. levels of govt.
see also spec. applications
Rest-rooms *see* Lavatories
Resurrection
of dead
Christian religion 236.8
gen. wks. 291.23
see also other spec. rel.
of Jesus Christ
doctrinal 232.5
historical 232.97
see also New Testament
Resuscitation *see* Rescue operations
Retail
cooperatives *see* Distribution cooperatives
credit *see* Credit
marketing
cimmerce †380.1
technology 658.87
stores
buildings *see* Commercial buildings
marketing *see* Retail marketing
Retaliation
ethics
philosophy 179.8
religion
gen. wks. 291.5
see also spec. rel.
labor economics *see* Union-management disputes
see also International relations
Retarded
children *see* Exceptional children
Retarding
plants
techniques
gen. wks. 631.545
see also spec. crops

Retarding (continued)
spec. operations *see spec. operations*
Rethymne Greece *area* –499 8
Reticular
tissues *see* Histology
Reticuloses *see* Blood diseases
Retina
anatomy
animals
vet. sci. 636.089+
zoology 591.48
see also spec. animals
man 611.84
diseases *see* Retinal disorders
physiology
animals
vet. sci. 636.089+
zoology 591.18
see also spec. animals
man 612.843
Retinal
detachment *see* Retinal disorders
disorders
animals
vet. sci. 636.089+
zoology 591.2
see also spec. animals
man 617.73
Retinitis *see* Retinal disorders
Retirement
income
insurance *see* Annuities
problems *see* Aged people
systems *see* Pension systems
Retreats
mil. sci. *see* Battle tactics
religion *see* Spiritual renewal
Retrievers *see* Gun dogs
Réunion Indian Ocean *area* –698 1
Revelation
N.T.
gen. wks. **228**
pseudepigrapha **229.94**
religion
Christian 231.74
see also other spec. rel.
Revenants *see* Ghosts
Revenge *see* Retaliation
Revenue
cutters *see* Government vessels
Revenues
administration
gen. wks. 350.7
see also spec. levels of govt.
economics **336.1–.2**
Reveries *see* Daydreams
Revival
music *see* Evangelistic music
Revivals *see* Spiritual renewal
Revolutionary
groups
pol. status 323.2
sociology †301.18
movements
sociology 301.153
see also Revolutionary wars
socialism *see* Communist states
wars
societies *see* Hereditary societies
U.S. history **973.3**
see also other spec. countries
Revolvers *see* Small arms
Revolving
accounts *see* Credit
Revues *see* Musical shows
Reweaving
textiles *see* Sewing (technique)
Reynolds Co. Mo. *area* –778 885
Reynolds
number *see* Air flow
Rhabdocoela *see* Turbellaria
Rhacopteris
gen. wks. 561.597
see also *s.s.*–015+
Rhaeto-Romanic
ethnic groups *area* –174+
languages 459.9
lingual groups *area* –175+
see also other spec. subj.
Rhamnaceae *see* Rhamnales

Rhamnales
botany 583.279
floriculture 635.933+
Rhamphorhynchoidea *see* Pterosauri
Rhea Co. Tenn. *area* –768 83
Rheas
conservation 639.97+
culture 636.6
hunting
industries 639.12+
sports 799.248+
see also Rheiformes
Rheiformes
paleozoology 568.5
zoology 598.52
Rhenish
Hesse Germany *area* –†434 3
Palatinate Germany *area* –†434 3
Prussia Germany *see* Rhine Province
Rhenium
compounds
chemistry **546.545**
manufacture **661.05+**
fabrication *see* Rhenium industries
geology
gen. wks. †553.499
mineralogy *see spec. minerals*
industries
extractive
metallurgy 669.7
mining 622.34
manufacturing
economics 338.47+
technology 673.7
metallography *see* Rhenium properties
mineralogy *see spec. minerals*
mining *see* Rhenium industries
products *see spec. subj.*
properties
chemistry **546.545**
engineering 620.189 9
metallography 669.957+
see also Radiochemistry
Rheostats *see* Control devices
Rhesus
monkeys *see* Monkeys
Rhetoric
gen. wks. **808**
study & teaching
elementary ed. †372.6
see also *s.s.*–07
Rheum
rhaponticum *see* Rhubarb
Rheumatic
fever
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.991**
pediatrics **618.92+**
pub. health 614.59
heart diseases *see* Cardiac disorders
Rheumatoid
arthritis *see* Joints (Anatomical)
Rhine
Province Germany *area* –434 2
River
gen. wks. *area* –434
see also other areas
Rhineland-Palatinate Germany *area* –†434 3
Rhinitis *see* Respiratory diseases
Rhinocarina *see* Leptostraca
Rhinoceroses
conservation 639.97+
culture 636.97+
hunting
industries 639.11+
sports 799.279+
see also Rhinocerotidae
Rhinocerotidae
paleozoology 569.72
zoology 599.728
Rhinology
anatomy *see* Respiratory organs
diseases *see* Respiratory diseases
physiology *see* Respiration
Rhizobiaceae *see* Eubacteriales
Rhizocephala *see* Cirripedia

Rhizodiniales *see* Pyrrophyta
Rhizomastigina *see* Mastogophora
Rhizophoraceae *see* Myrtales
Rhizopoda *see* Sarcodina
Rhizostomeae *see* Scyphozoa
Rhode Island *area* **–745**
Rhodes *see* Dodecanese Greece
Rhodesia *area* **–689**
Rhodesian
trypanosomiasis *see* Protozoan infections
Rhodium
compounds
chemistry **546.634**
manufacture **661.06+**
fabrication *see* Rhodium industries
geology
gen. wks. 553.4
mineralogy *see spec. minerals*
industries
extractive
metallurgy 669.7
mining 622.34
manufacturing
economics 338.47+
technology 673.7
metallography *see* Rhodium properties
mineralogy *see spec. minerals*
mining *see* Rhodium industries
platinum *see* Platinum alloys
products *see spec. subj.*
properties
chemistry **546.634**
engineering 620.189 9
metallography 669.957
Rhodobacteriaceae *see* Thiobacteriales
Rhodochrosite
mineralogy 549.782
see also Manganese geology
Rhododendrons *see* Ericales
Rhodope Greece *area* –495 7
Rhodophyta
botany 589.41
culture 635.939+
Rhodophyta (continued)
paleobotany 561.93
Rhoeadales
botany 583.12
floriculture 635.933+
Rhone
dept. France *area* –445 82
River
gen. wks. ***area* –448**
see also other areas
Rhopalocera
paleozoology 565.78
zoology 595.789
Rhotanium *see* Palladium alloys
Rhubarb
agriculture
economics 338.17+
technology **635.48**
food 641.35+
marketing 658.809+
processing *see spec. products*
see also Polygonales
Rhymes
folklore 398.8
see also Poetry
Rhynchobdellida *see* Hirudinea
Rhynchocephalia
paleozoology 568.11
zoology †598.119
Rhynocheti *see* Gruiformes
Rhyolites *see* Volcanic rocks
Rhysodoidea *see* Adephaga
Rhythm *see* Composition
Rhythmic
arts
religion
Christian
gen. wks. 246.7
pub. worship **264**
gen. wks. 291.38
see also other spec. rel.
see also spec. elements
Ribatejo Portugal *area* –469 45
Ribbon
worms *see* Flatworms
Ribbons *see* Passementerie
Ribe Denmark *area* –489 5
Ribes
rubrum *see* Currants
Riboflavin *see* Vitamins

Ribose *see* Sugars
Ribs *see* Bones
Ricardian
theory *see* Economic rent
Ricciaceae *see* Hepaticae
Rice
Co.
Kan. *area* –781 54
Minn. *area* –776 555
Lake Ont.
gen. wks. *area* –713 57
see also other areas
Rice
agriculture
economics 338.17+
technology
forage crops **633.25+**
grain crops **633.18**
flour *see* Rice food
fodder
gen. wks. 636.086
see also spec. animals
food
cookery 641.63+
gen. wks. 641.331+
processing
economics 338.47+
technology 664.725
see also Pooideae
Rich Co. Utah *area* –792 13
Richardson Co. Neb. *area* –782 28
Richelieu
Co. Que. *area* –714 51
River Que.
gen. wks. ***area* –714 3**
see also other areas
Richland
Co.
Ill. *area* –773 77
Mont. *area* –786 23
N.D. *area* –784 12
O. *area* –771 28
S.C. *area* –757 71
Wis. *area* –775 75
Par. La. *area* –763 86
Richmond (city) Va. *area* –755 451
Richmond Co.
Ga. *area* –758 64
N.Y. *area* –747 26
N.C. *area* –756 34
N.S. *area* –716 98
Richmond Co. (continued)
Que. *area* –714 65
Va. *area* –755 23
Rickets *see* Nutritional diseases
Rickettsiae
biology 576.62
medicine
animals
gen. wks. 636.089+
see also spec. animals
man 616.019 2
see also Rickettsial diseases
Rickettsial
diseases
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.922**
pediatrics **618.92+**
pub. health **614.526**
plants
agriculture 632.8
botany 581.234
see also spec. plants
Rickettsialpox *see* Rickettsial diseases
Rickshaws *see* Wheeled supports
Riddles *see* Puzzles
Riding
horses *see* Equestrian sports
Riding-clothes *see* Garments
Riding-club
buildings *see* Recreation buildings
Riemann
geometry
gen. wks. 513.85
see also *s.s.*–015+
surfaces *see* Complex variables
Rieti Italy *area* –456 24
Rif Mts. Morocco
gen. wks. ***area* –642**
see also other areas
Rifle
shooting *see* Shooting (activities)

Rifles *see* Small arms
Rigging *see* Nautical equipment
Rigid
  beams *see* Beams
  bodies *see* Solids
Rigidity
  modulus *see* Elasticity
  tests
    crystallography 548.842
    engineering
      materials 620.112 5
      structures 624.172–.176
      see also spec. kinds
    physics 531.382
Rigveda *see* Vedas
Riley Co. Kan. *area* –781 28
Rime
  ice *see* Ice forms
  transformation *see* Physical transformations
Rimes *see* Rhymes
Rimouski Co. Que. *area* –714 771
Rinderpest *see* Enteric diseases
Ring
  games *see* Child play
Ringgold Co. Ia. *area* –777 87
Ringkobing Denmark *area* –489 5
Rings (algebra) *see* Numbers (symbols)
Rings
  ornamentation *see* Jewelry
  structural form *see* Structural forms
Rink
  buildings *see* Recreation buildings
Rio
  Arriba Co. N.M. *area* –789 52
  Blanco Co. Colo. *area* –788 15
  Branco Brazil *area* –811
  de Janeiro Brazil *area* –815
  de Oro *area* –648
  Grande (North America)
    Colo. *area* –788 33
    gen. wks. *area* **–764 4**
    N.M. *area* **–789 6**
    Tex.
      lower *area* **–764 4**
      upper *area* –764 96
Rio (continued)
  Grande
    Co. Colo. *area* –788 37
    do Norte Brazil *area* –813
    do Sul Brazil *area* –816
  Muni *area* –671 8
  Negro
    Argentina *area* –827
    Uruguay *area* –895 2
Riot
  duty *see* Battle tactics
  insurance *see* Allied fire insurance lines
Rioting
  behavior *see* Group behavior
  crime *see* Offenses
Riparian
  rights *see* Coasts
Riplcy Co.
  Ind. *area* –772 14
  Mo. *area* –778 894
Risks *see* Insurance
Ritchie Co. W.Va. *area* –754 24
Rites
  religious
    gen. wks. 291.38
    Judaism **296.44**
    see also other spec. rel.
  secular *see* Customs (conventions)
  see also Public worship
Rituals *see* Rites
River
  dogfishes *see* Amioidea
  fishing *see* Fresh-water fishing
  ice *see* Ice forms
  liners *see* Merchant ships
  transportation *see* Transportation services
Rivera Uruguay *area* –895 3
Rivers *see* Water bodies
Riverside Co. Calif. *area* –794 97
Riverweeds *see* Podostemonales
Riveting
  machinery *see* Fastening-machinery
  operations
    gen. wks.
      economics 338.47+

Riverting
  operations
    gen. wks. (continued)
      technology
        gen. wks. 671.59
        see also spec. metals
    shipbuilding *see* Hull construction
  see also spec. products
Rivets *see* Fastenings
Riviera *area* –449
Rivière du Loup Co. Que. *area* –714 76
Rivulariaceae *see* Cycenophyta
Rize Turkey *area* –566 2
Road
  camps *see* Prisons
  construction
    eng. *see* Trafficways
    forces *see* Engineer forces
  locomotives *see* Tractors
  oils *see* Petroleum products
  shows *see* Traveling shows
Roadbed
  preparation *see* Excavation engineering
Roadhouses *see* Public accommodations
Roadrunners *see* Cuckoos
Roads *see* Trafficways
Roadside
  improvement
    engineering 625.77
    see also Trafficways
Roadsteads *see* Harbors
Roan Mt.
  gen. wks. *area* –768 99
  see also other areas
Roane Co.
  Tenn. *area* –768 84
  W.Va. *area* –754 36
Roanoke
  Co. Va. *area* –755 79
  River
    gen. wks. *area* **–756 1**
    Va. *area* **–755 6**
Roaster
  cookery *see* Special-equipment cookery
Roasting
  cookery *see* Cooking processes
Robber
  flies
    agricultural pests 632.7+
    culture 638.57+
    see also Orthorrhapha
Robbers *see* Offenders
Robbery
  crime *see* Offenses
  insurance *see* Burglary insurance
  psychopathic *see* Personality-disorders
Roberts Co.
  S.D. *area* –783 12
  Tex. *area* –764 818
Robertson Co.
  Ky. *area* –769 415
  Tenn. *area* –768 464
  Tex. *area* –764 239
Roberson Co. N.C. *area* –756 33
Robin Hood *see* Mythology
Robins *see* Turdidae
Robot
  bombs *see* Guided missiles
Robots *see* Automatic control
Rocha Uruguay *area* –895 1
Roches moutonnées *see* Glaciology
Rock
  Co.
    Minn. *area* –776 25
    Neb. *area* –782 74
    Wis. *area* –775 87
  Island Co. Ill. *area* –773 39
  River Ill.
    gen. wks. *area* **–773 3**
    see also other areas
Rock
  excavation *see* Excavation
  hyraxes *see* Hyracoideans
  phosphates
    fertilizers *see* Phosphorus fertilizers
    geology *see* Phosphorus geology
  plants *see* Xerophytes
  salt *see* Halites
  wool *see* Insulating materials
Rock-&-roll *see* Jazz
Rockbridge Co. Va. *area* –755 85
Rockcastle Co. Ky. *area* –769 62

Rockdale Co. Ga. *area* –758 215
Rocket
aircraft *see* Heavier-than-air aircraft
engines
engineering
economics 338.47+
technology
aeronautics 629.134 354
astronautics 629.42
gen. wks. 621.435
see also other spec. branches
see also spec. applications
fuels *see* Synthetic fuels
propellants
gen. wks. *see* Synthetic fuels
military eng. *see* Explosives
propulsion
engineering
air 629.132 3
space 629.41
physics 531.55
see also spec. applications
Rockets
tactical *see* Tactical rockets
Rocking-chairs *see* Furniture
Rockingham Co.
N.H. *area* –742 6
N.C. *area* –756 63
Va. *area* –755 92
Rockland Co. N.Y. *area* –747 28
Rocks
chem. analysis
gen. wks. 543.6
organic 547.33+
see also Blowpipe analysis
see also Petrology
Rockwall Co. Tex. *area* –764 278
Rockweeds
organisms *see* Phaeophyta
processing *see spec. products*
Rocky
Mt. Nat. Park Colo. *area* –788 69
Mts.
Canada *area* –711
Colo. *area* –788 3
gen. wks. *area* –78
Mont. *area* –786 5
Rocky
Mts. (continued)
N.M. *area* –789 5
Utah *area* –792 2
Wyo. *area* –787 2
see also spec. ranges
Rocky
Mountain
spotted fever *see* Rickettsial diseases
Rodentia
paleozoology 569.32
zoology 599.323
Rodenticides *see* Pesticides
Rodent-resistant
construction *see* Resistant construction
Rodents
agricultural pests 632.6+
culture 636.93+
disease carriers *see* Disease carriers
experimental med.
animals 636.089+
man 619.93
hunting
industries 639.11+
sports 799.279+
see also Rodentia
Rodeos *see* Animal performances
Rodrigues Indian Ocean *area* –698
Rods
fishing *see* Recreational equipment
structural form *see* Structural forms
Roentgenology *see* Ionizing radiation
Roetheln *see* Eruptive fevers
Rogaland Norway *area* –483
Roger Mills Co. Okla. *area* –766 16
Rogers Co. Okla. *area* –766 94
Rogue River Ore.
gen. wks. *area* –795 21
see also other areas
Rohrschach
personality tests *see* Projection techniques
Rolette Co. N.D. *area* –784 592

Roller
bearings *see* Bearings
skates *see* Footwear
skating
customs 394.3
gen. wks. 796.21
Rollers (agricultural tools)
gen. wks. 631.314
see also Tillage
Rollers (birds) *see* Coraciiformes
Rollers (vehicles)
engineering
gasoline 629.22
steam 621.14
marketing 658.809+
see also spec. applications
Rolling
metals
arts 739.14
technology
gen. wks. 671.32
see also spec. metals
Rolling-stock *see* Trains
Roma *see* Rome
Roman
Catholic Church
religion 282
see also Church buildings
Catholics *area* –176 1
law
gen. wks. 349.37
mil. sci.
gen. wks. 355.133
see also spec. branches
religion *see* Classical religions
Romance
languages
gen. wks. 479.1
see also spec. languages
Romania *area* **–498**
Romanian
ethnic groups *area* –174+
language 459.1–.8
lingual groups *area* –175+
see also other spec. subj.
Romans (N.T.) *see* Pauline epistles
Romansh *see* Rhaeto-Romanic
Romantic
music *see spec. mediums*
Romanticism
art 709.03+
literature 808.801 4
philosophy 141.6
Romany *see* Prakrits
Rome (city)
ancient *area* –376
modern *area* –456 32
Rome (empire) *area* **–3**
Rome (province) *area* **–456 3**
Rondônia Brazil *area* –817
Rod
screens *see* Sacred furniture
Roof
coverings *see* Roofing operations
structures
architecture 721.5
construction 690.1+
see also spec. structures
Roof-garden
furniture *see* Outdoor furniture
Roofing
materials *see* Roofing operations
operations
economics 338.47+
technology 695.1–.7
papers *see* Building papers
tiles *see* Tiles
Roofs
architecture 721.5
construction
economics 338.47+
technology 624.9
see also spec. structures
Rooks Co. Kan. *area* –781 18
Rooming
houses *see* Public accommodations
Rooms
decorative treatment
art 747.7
home economics 645.6
equipment 643.3–.5
see also Architectural construction
Roosevelt Co.
Mont. *area* –786 22
N.M. *area* –789 32
Roosters *see* Chickens

Roots (mathematics)
gen. wks. *see* Evolution
symmetrical functions 512.84
see also *s.s.*–015+
Rope
bridges
eng. & construction
economics 338.47+
technology
gen. wks. 624.52
military 623.67
see also Transportation services
climbing *see* Gymnastics
power transmission *see* Flexible connections
Ropes *see* Cordage
Roque *see* Mallet games
Rosaceae *see* Rosales
Rosales
botany 583.3
floriculture 635.933+
Roscommon Co.
Ireland *area* –417 5
Mich. *area* –774 76
Rose
chafers
agricultural pests 632.7+
culture 638.57+
see also Polyphaga
of Sharons *see* Malvales
Roseau Co. Minn. *area* –776 98
Rosebud Co. Mont. *area* –786 32
Roses *see* Rosales
Rosh Hashanah *see* Holy days
Rosicrucian
mysteries *see* Mystic traditions
Rosicrucians
gen. wks. 366.4
see also spec. doctrines
Roskilde Denmark *area* –489 1
Ross & Cromarty Scotland *area* –411 6
Ross Co. O. *area* –771 82
Rostock Germany *area* –†431 7
Rostov RSFSR *area* –477 7
Rotary
blowers *see* Blowers
compressors *see* Air compressors
Rotary (continued)
converters *see* Alternating-current machinery
engines *see* Engines
pumps *see* Pumps
Rotary-vane
positive expansion *see* External-combustion engines
Rotary-wing
aircraft *see* Heavier-than-air aircraft
Rotation *see* Gyrodynamics
Rotatoria *see* Aschelminthes
Rotisserie
cookery *see* Special-equipment cookery
Rotogravure
printing *see* Photomechanical printing
Rotor
ships *see* Sailing craft
Rouergue France *area* –447 4
Rough
carpentry *see* Structural woodworking
lumber
products *see* Sawmill products
Roulette
activity *see* Wheel games
equipment *see* Recreational equipment
Round
dances *see* Dancing
Table *see* Mythology
timbers *see* Sawmill products
Roundhouses *see* Transportation buildings
Rounds (music) *see* Choral music
Roundworm
infestations *see* Nematoda infestations
Roundworms *see* Nematoidea
Rousillon France *area* –448 9
Route
selling *see* Salesmanship
Routt Co. Colo. *area* –788 14

Rouville Co. Que. *area* –714 53
Rovigo Italy *area* –453 3
Rowan Co.
Ky. *area* –769 57
N.C. *area* –756 71
Rowboats *see* Hand-propelled craft
Rowing *see* Boating
Roxburgh Scotland *area* –414 7
Roxburghiaceae *see* Dioscoreales
Royal
houses *see* Royalty
poinciana trees *see* Poinciana trees
Royalty
class *see* Social classes
education *see* Exceptional children
gen. wks. 929.7
heraldry *see* Heraldry
pol. sci. 321.5–.6
see also spec. areas
Ruanda-Urundi *area* –675 7
Rub' al Khali Arabia *area* –53
Rubber
crafts 745.57
trees
culture †633.895 2
forestry †634.973+
see also Euphorbiales
see also Elastomers
Rubberized
fabrics *see* Elastic textiles
Rubbish
treatment *see* Garbage treatment
Rubefacients *see* External medicinals
Rubella *see* Eruptive fevers
Rubeola *see* Eruptive fevers
Rubiaceae *see* Rubiales
Rubiales
botany 583.52
floriculture 635.933+
Rubidium
compounds
chemistry **546.384**
manufacture **661.038+**
pharmacology
gen. wks. **615.2+**
veterinary **636.089+**
Rubidium (continued)
geology
gen. wks. 553.4
mineralogy *see spec. minerals*
industries
extractive
metallurgy 669.7
mining 622.34
manufacturing
economics 338.47+
technology 673.7
metallography *see* Rubidium properties
mineralogy *see spec. minerals*
mining *see* Rubidium industries
products *see spec. subj.*
properties
chemistry **546.384**
engineering 620.189 6
metallography 669.957+
see also Radiochemistry
Rubies
mineralogy 549.523
synthetic *see* Synthetic minerals
see also Precious stones
Rudders
aircraft *see* Airfoils
ships *see* Nautical equipment
Rue *see* Rutales
Rugby *see* Football
Rugs
crafts **746.7**
felt *see* Felts
interior decoration
arts 747.4
home economics 645.1
manufacture
economics 338.47+
technology 677.643
marketing 658.809+
Ruins
archeology *see* Ancient world
Rulers *see* Chief executives
Rum *see* Spirits (alcoholic)
Rumania *see* Romania
Rumanian *see* Romanian

Rumba *see* Dancing
Ruminantia
  paleozoology 569.73
  zoology 599.735
Ruminants
  hunting
    industries 639.11+
    sports 799.277+
  husbandry 636.2–.3
  see also Ruminantia
Rummy *see* Card games
Rumor
  gossip *see* Vocal expressions
  sociology *see* Public opinion
Rumpus
  rooms *see* Rooms
Runnels Co. Tex. *area* –764 724
Runners (plants) *see* Suckers (plant propagation)
Running *see* Track athletics
Runoff *see* Ground waters
Runways
  engineering
    economics 338.47+
    technology
      gen. wks. 629.136 3
      military 623.66+
  see also Transportation
Ruppiaceae *see* Potamogetonales
Rural
  areas *see* Agricultural areas
  communities *see* Communities
  electrification
    agriculture 631.371
    engineering
      economics 338.47+
      technology 621.393
  free delivery *see* Postal communication
  living
    psychology †155.944
    sociology 301.35
  parishes
    govt. & admin. 254.2+
    see also spec. aspects
  sanitary eng.
    economics 338.47+
    technology 628.7
Ruscaceae *see* Liliales
Rush Co.
  Ind. *area* –772 61
  Kan. *area* –781 48
Rush
  fibers *see* Basketry fibers
Rushes *see* Juncales
Rushwork *see* Basketry
Rusk Co.
  Tex. *area* –764 185
  Wis. *area* –775 19
Russell Co.
  Ala. *area* –761 485
  Kan. *area* –781 51
  Ky. *area* –769 655
  Ont. *area* –713 85
  Va. *area* –755 755
Russia *area* –47
Russian
  ethnic groups *area* –174+
  language 491.71–.78
  lingual groups *area* –175+
  see also other spec. subj.
Rust
  fungi
    diseases *see* Fungus diseases
    organisms *see* Uredinales
Rusting *see* Deterioration
Rutabagas
  agriculture
    economics 338.17+
    technology 635.126
  fodder
    gen. wks. 636.087 5
    see also spec. animals
  food 641.35+
  see also Cruciales
Rutaceae *see* Rutales
Rutales
  botany 583.24
  floriculture 635.933+
Ruth (O.T.)
  gen. wks. 222.35
  see also Pseudepigrapha
Ruthenian *see* Ukrainian
Ruthenium
  compounds
    chemistry 546.632
    manufacture 661.06+
  fabrication *see* Ruthenium industries

Ruthenium (continued)
  geology
    gen. wks. 553.4
    mineralogy *see spec. minerals*
  industries
    extractive
      metallurgy 669.7
      mining 622.34
    manufacturing
      economics 338.47+
      technology 673.7
  metallography *see* Ruthenium properties
  mineralogy *see spec. minerals*
  mining *see* Ruthenium industries
  products *see spec. subj.*
  properties
    chemistry 546.632
    engineering 620.189 9
    metallography 669.957+
Rutherford Co.
  N.C. *area* –756 91
  Tenn. *area* –768 57
Rutile
  mineralogy 549.524
  see also Titanium geology
Rutland Co.
  Eng. *area* –425 45
  Vt. *area* –743 7
Rwanda *area* –675 71
Ryazan RSFSR *area* –473 1
Rye
  agriculture
    economics 338.17+
    technology
      forage crops 633.25+
      grain crops 633.14
  flour *see* Rye food
  fodder
    gen. wks. 636.086
    see also spec. animals
  food
    cookery 641.63+
    gen. wks. 641.331+
    processing
      economics 338.47+
      technology 664.725
Rye (continued)
  whisky *see* Spirits (alcoholic)
  see also Pooideae
Ryukyu Isls. *area* –528 1
Rzeszow Poland *area* –†438 6

S

SEATO *see* Southeast Asia Treaty Organization
Saarland Germany *area* –434 27
Saba West Indies *area* –†729 77
Sabah Malaysia *area* –911 52
Sabbath *see* Holy days
Sabean *see* South Arabic
Sabellianism *see* Heresies
Sabers *see* Side arms
Saber-toothed tigers *see* Carnivora
Sabiaceae *see* Sapindales
Sabine
  Co. Tex. *area* –764 177
  Lake La.
    gen. wks. *area* –763 52
    see also other areas
  Par. La. *area* –763 62
Sabotage
  labor economics 331.893
  mil. sci.
    gen. wks. 355.343 7
    prevention 355.219
    see also spec. services
  see also Offenses
Sac Co. Ia. *area* –777 424
Sac
  fungi *see* Ascomycetes
Saccharin
  cookery
    gen. wks. 641.563
    see also spec. products
  manufacture
    economics 338.47+
    technology 664.5
  marketing 658.809+
Saccharolytic
  enzymes *see* Enzymes
Saccharum
  officinarum *see* Sugar cane
Sacoglossa
  culture 639.48+
  paleozoology 564.3+

Sacoglossa (continued)
zoology 594.35
Sacral
nerves
anatomy *see* Neuroanatomy
diseases *see* Neurological diseases
physiology *see* Neurophysiology
Sacramentals
gen. wks. 264.9
see also Grace
Sacramento
Co. Calif. *area* –794 53
Mts. N.M.
gen. wks. *area* –789 65
see also other areas
River Calif.
gen. wks. *area* **–794 5**
see also other areas
Sacraments
gen. wks. **265.1–.7**
Grace **234.16**
public worship 264
Sacred
architecture *see* Ecclesiastical buildings
books *see* Scriptures
furniture
art
architecture **729.9**
decoration **747.8+**
manufacture
economics **338.47+**
technology **684.1**
religion
Christian 247.1
gen. wks. 291.37
see also other spec. rel.
see also Furniture
music
gen. wks. **783**
see also spec. mediums
places
geography *see spec. places*
religion
Christian †246.9
gen. wks. 291.35
see also other spec. rel.

Sacred (continued)
times *see* Liturgical year
writers
Biblical
gen. wks. 220.14
see also spec. parts
see also spec. rel.
Sacrifice
Christian religion
gen. wks. 232.4
see also Crucifixion
see also Sacrificial offerings
Sacrificial
offerings
customs 392–394
religion
gen. wks. 291.34
see also spec. rel.
Sacristies *see* Church buildings
Sacrum *see* Bones
Saddle
horses
husbandry
gen. wks. 636.108+
spec. breeds 636.13
see also Equidae
Saddlebags *see* Luggage
Saddlery
economics 338.47+
technology 685.1
Saddles
livestock equipment
gen. wks. 636.083 7
see also spec. animals
manufacture *see* Saddlery
Sadism *see* Sexual disorders
Safe
driving *see* Motoring
Safes
manufacture *see* Locksmithing
marketing 658.809+
office equipment 651.23
see also other spec. applications
Safety
belts
manufacture
economics 338.47+
technology 688
see also Safety measures
devices *see* Control devices

Safety (continued)
equipment
ind. management 658.28
manufacture *see spec. items*
measures
govt. control
gen. wks. 350.783
see also spec. levels of govt.
personnel management *see* Health programs
schools *see* Hygiene
technology
gen. wks. **614.8**
mining **622.8**
see also Industrial hygiene
Saga Japan *area* –522
Sagadahoc Co. Me. *area* –741 85
Sagas *see* Mythology
Sage (plant)
agriculture
economics 338.17+
technology
field crops 633.82
garden crops 635.7
food 641.35+
processing *see spec. products*
see also Labiatae
Sage
palms *see* Cycadales
Saginaw
Bay Mich.
gen. wks. ***area* –774 4**
see also other areas
Co. Mich. *area* –774 46
River Mich.
gen. wks. *area* –774 47
see also other areas
Sago
food 641.336+
palms
agriculture
economics 338.17+
technology 633.68
see also Palmales
processing *see spec. products*
starches *see* Polysaccharides
Saguache Co. Colo. *area* –788 49

Saguenay
Co. Que. *area* –†714 17
River Que.
gen. wks. *area* –714 16
see also other areas
Saguia el Hamra *area* –648
Sahara
Algeria *area* –657
gen. wks. ***area* –66**
Sailboating *see* Boating
Sailboats *see* Sailing craft
Sailing (activity) *see* Boating
Sailing
craft
engineering
gen. wks. 623.820 3
spec. kinds 623.822
see also Transportation services
men-of-war *see* Historic ships
ships *see* Sailing craft
Sailors'
songs *see* Folk songs
yarns
adventure *see* Seafaring life
fiction *see* Fiction
Sails *see* Nautical equipment
Saint
Bernard Par. La. *area* –†763 36
Charles
Co. Mo. *area* –778 39
Par. La. *area* –763 33
Christopher West Indies *area* –†729 73
Clair (lake)
gen. wks. *area* –774 3
Ont. *area* –713 31
Clair Co.
Ala. *area* –761 69
Ill. *area* –773 89
Mich. *area* –774 41
Mo. *area* –778 466
Croix
Co. Wis. *area* –775 41
River
gen. wks. ***area* –775 1**
see also other areas
Eustatius West Indies *area* –†729 77

Francis
  Co. Ark. *area* –767 91
  River Ark.-Mo.
    gen. wks. *area* –767 9
    see also other areas
Francois Co. Mo. *area* –778 68
Gall Switzerland *area* –494 7
Helena (isl.) *area* –†973
Helena Par. La. *area* –763 15
Hyacinthe Co. Que. *area* –714 52
James Par. La. *area* –763 31
John
  Co. N.B. *area* –715 32
  River N.B.-Me.
    gen. wks. *area* –715 5
    see also other areas
John the Baptist Par. La. *area* –763 32
Johns Co.
  Fla. *area* –759 18
  Que. *area* –714 38
Joseph Co.
  Ind. *area* –772 89
  Mich. *area* –774 19
Landry Par. La. *area* –763 46
Lawrence
  Co. N.Y. *area* –747 56
  River
    gen. wks. *area* –714
    Ont. *area* –713 7
Louis (city) Mo. *area* –778 66
Louis Co.
  Minn. *area* –776 77
  Mo. *area* –778 65
Lucia West Indies *area* –729 843
Lucie Co. Fla. *area* –759 29
Martin, West Indies *area* –†729 76
Martin Par. La. *area* –763 48
Mary Par. La. *area* –763 42
Marylebone London *area* –421 4
Marys (lake) O.
  gen. wks. *area* –771 415
  see also other areas
Marys
  Co. Md. *area* –752 41
  River (Fla.-Ga.)
    gen. wks. *area* –759 11
    see also other areas
  River (Mich.-Ont.)
    gen. wks. *area* –774 91
    see also other areas
Maurice Co. Que. *area* –714 45
Pancras London *area* –421 4
Paul Isl. Indian Ocean *area* –†699
Pierre & Miquelon (isls.) *area* –718 8
Tammany Par. La. *area* –763 12
Vincent West Indies *area* –729 844
Saint
  Bernards *see* Working dogs
  Elmo's fire *see* Atmospheric electricity
  Vitus's dance *see* Chorea
Sainte Genevieve Co. Mo. *area* –778 69
Saint-John's-bread
  fruit *see* Carob beans
  trees *see* Carob trees
Saint-John's-worts *see* Guttiferales
Saintonge France *area* –446 4
Saints
  folklore
    hist. & crit. 398.3–.4
    legends 398.2
  religion
    Christian 235.2
    gen. wks. 291.213
    see also other spec. rel.
Saints' days *see* Holy days
Saint-Simonism *see* Ideal states
Saitama Japan *area* –521 3
Sakarya Turkey *area* –†563
Sakhalin *area* –†577
Salad
  dressings
    cookery 641.81
    food tech.
      economics 338.47+
      technology 664.37
    marketing 658.809+
Salads
  cookery 641.83
  food tech. 664
Salamanca Spain *area* –462 5
Salamanders
  culture 639.379
  hunting
    industries †639.13
    sports 799.279+
  see also Urodela
Salamandriodea *see* Urodela

Salaries *see* Wages
Salem Co. N.J. *area* –749 91
Salerno Italy *area* –457 4
Sales
  budgets *see* Sales management
  catalogs
    books 017–019
    see also s.s.–†029
  contracts
    bus. management *see* Salesmanship
    law *see* Private law
  finance institutions *see* Financial institutions
  letters *see* Sales promotion
  management
    commerce †380.1
    technology 658.81
  policies *see* Sales management
  promotion
    advertising 659.1
    management
      marketing 658.82
      production 658.503 4
  taxes *see* Taxation
Salesmanship
  commerce †380.1
  technology 658.85
Salicaceae *see* Salicales
Salicales
  botany 583.98
  floriculture 635.933+
Salientia
  paleozoology 567.8–.9
  zoology 597.8–.9
  see also spec. animals
Salinas River Calif.
  gen. wks. *area* –794 76
  see also other areas
Saline Co.
  Ark. *area* –767 72
  Ill. *area* –773 992
  Kan. *area* –781 545
  Mo. *area* –778 47
  Neb. *area* –782 327
Saline
  cathartics *see* Gastroenteric drugs
  waters *see* Marine waters
Saliva *see* Mouth
Salivary
  digestion *see* Digestion
  glands *see* Mouth
Salmon River Ida.
  gen. wks. *area* –796 82
  see also other areas
Salmon River Mts. Ida.
  gen. wks. *area* –796 78
  see also other areas
Salmon
  culture 639.37+
  fishing
    industries
      economics 338.372+
      technology 639.27+
    sports 799.17+
  food
    cookery 641.6+
    gen. wks. 641.39+
  processing *see spec. products*
  see also Isospondyli
Salmonella
  diseases
    animals
      vet. sci. 636.089+
      zoology 591.2
      see also spec. animals
    man
      medicine 616.927
      pediatrics 618.92+
      pub. health 614.5
  gastroenteritis *see* Salmonella diseases
Salmonoidea *see* Isospondyli
Salmopercae *see* Mesichthyes
Salonika Greece *area* –495 6
Saloon
  buildings *see* Taproom buildings
Saloons *see* Public accommodations
Salop Eng. *see* Shropshire
Salpingitis *see* Gynecology
Salsify
  agriculture
    economics 338.17+
    technology 635.16
  food 641.35+
  processing *see spec. products*
  see also Asterales

Salt
  Lake Co. Utah *area* –792 25
  River Ky.
    gen. wks. *area* –769 45
    see also other areas
Salt
  metabolism *see* Mineral metabolism
  mining *see* Sodium industries
  petrology *see* Sodium geology
  preparations *see* Mineral fodders
Salta Argentina *area* –824
Salting
  streets *see* Ice control
Salto Uruguay *area* –895 3
Salton Sea Calif.
  gen. wks. *area* –794 99
  see also other areas
Saltpeter
  chemistry *see* Nitrogen compounds
  minerals *see* Nitrogen geology
Salts
  chemistry
    inorganic **546.34**
    organic 547.05
  manufacture
    inorganic **661.4–.6**
    organic **661.895**
  nutrition *see* Nutrition practices
  pharmacology
    gen. wks.
      inorganic 615.2+
      organic **615.3**
    veterinary
      gen. wks. **636.089+**
      see also spec. animals
  see also spec. products
Salt-water
  biology *see* Hydrographic biology
  fishes
    culture 639.32
    zoology 597.092 1–.092 8
    see also spec. fishes
Salt-water (continued)
  fishing
    industries
      economics 338.372+
      technology 639.22
    sports 799.16
  plants *see* Hydrophytes
Saluda
  Co. S.C. *area* –757 38
  River S.C.
    gen. wks. *area* **–757 2**
    see also other areas
Salukis *see* Hounds
Salvador (country) *area* –728 4
Salvador (lake) La.
  gen. wks. *area* –763 33
  see also other areas
Salvadoraceae *see* Celastrales
Salvage
  underwater *see* Underwater operations
  waste *see* Waste salvage
Salvation
  Christian rel. **234**
  gen. wks. 291.22
  see also other spec. rel.
Salvation Army
  gen. wks. 267.15
  see also spec. services
Salves *see* Ointments
Salviniaceae *see* Filicales
Salvinias *see* Filicales
Salzburg Austria *area* –436 3
Samar Philippine Isls. *area* –914 5
Samaria *see* Palestine
Samaritan *see* Aramaic
Samarium *see* Rare-earths
Samaveda *see* Vedas
Samba (dance) *see* Dancing
Samba (game) *see* Card games
Samnium Italy *area* –377
Samoa *area* –961 3
Samos Greece
  ancient *area* –391 4
  modern *area* –499
Samothrace Greece
  ancient *area* –391 1
  modern *area* –499
Samoyedic
  ethnic groups *area* –174+
  languages 494.4

Samoyedic (continued)
  lingual groups *area* –175+
  see also other spec. subj.
Samoyeds *see* Working dogs
Sampans *see* Hand-propelled craft
Samplers *see* Embroidery
Sampling
  mathematics
    gen. wks. 519.93
    see also *s.s.*–015+
  techniques *see* Statistical method
Sampson Co. N.C. *area* –756 375
Samsun Turkey *area* –†563
Samuel (O.T.)
  gen. wks. **222.4**
  see also Pseudepigrapha
Samydaceae *see* Bixales
San
  Andres Mts. N.M.
    gen. wks. *area* –789 62
    see also other areas
  Andres y Providencia Colombia *area* –861 8
  Antonio River Tex.
    gen. wks. *area* **–764 1**
    see also other areas
  Augustine Co. Tex. *area* –764 175
  Benito Co. Calif. *area* –794 75
  Bernardino Co. Calif. *area* –794 95
  Carlos Lake Ariz.
    gen. wks. *area* –791 54
    see also other areas
  Diego Co. Calif. *area* –794 98
  Francisco (city) Calif. *area* –794 61
  Francisco Bay Calif.
    gen. wks. *area* **–794 6**
    see also other areas
  Gabriel Mts. Calif. *area* –794 93
  Jacinto Co. Tex. *area* –764 167
  Joaquin
    Co. Calif. *area* –794 55
    Valley Calif.
      gen. wks. *area* **–794 8**
      see also other areas
  José Uruguay *area* –895 1
  Juan (province) Argentina *area* –826
  Juan
    Co.
      Colo. *area* –788 25
Juan
  Co. (continued)
      N.M. *area* –789 82
      Utah *area* –792 59
      Wash. *area* –797 74
    Mts. Colo.
      gen. wks. *area* –788 38
      see also other areas
    River Utah-N.M.-Colo.
      gen. wks. *area* –792 59
      see also other areas
  Luis (province) Argentina *area* –826
  Luis Obispo Co. Calif. *area* –794 78
  Luis Potosí Mexico *area* –724
  Luis Valley Colo.
    gen. wks. *area* –788 33
    see also other areas
  Marino (republic) *area* –454 9
  Martín Peru *area* –854
  Mateo Co. Calif. *area* –794 69
  Miguel Co.
    Colo. *area* –788 23
    N.M. *area* –789 55
  Patricio Co. Tex. *area* –764 115
  Pedro Paraguay *area* –892 1
  Saba Co. Tex. *area* –764 68
San
  Juan
    trees
      culture 635.977+
      forestry 634.973+
      see also Polygalales
Sanborn Co. S.D. *area* –783 33
Sanctification
  Christian rel. 234.8
  gen. wks. 291.22
  see also other spec. rel.
Sanctifying
  grace *see* Grace
Sanctions *see* Compulsive measures
Sanctuaries
  church buildings *see* Church buildings
  religion *see* Sacred places
Sanctus *see* Mass (religion)
Sand
  dollars *see* Echinoidea
  fleas *see* Amphipoda

Sand (continued)
grouse
culture 636.5
food *see* Poultry
hunting
industries 639.12+
sports 799.248+
see also Columbiformes
Sandals *see* Footwear
Sandalwood
trees
culture 635.977+
forestry 634.973+
see also Santalales
Sandblasting *see* Surface treatment
Sandblasts
engineering
economics 338.47+
technology 621.54
marketing 658.809+
see also spec. applications
Sanders Co. Mont. *area* –786 833
Sanding
streets *see* Ice control
Sandlot
baseball *see* Bat games
Sandoval Co. N.M. *area* –789 57
Sandpipers *see* Charadriiformes
Sands
geology
deposits 553.62
petrology 552.5
see also spec. minerals
industries
extractive
economics 338.27+
technology 622.36+
manufacturing *see spec. industries*
mining *see* Sands industries
petrology *see* Sands geology
properties
construction 691.9
engineering 620.19
quarrying *see* Sands industries
see also Sedimentary rocks
Sandstone
art *see* Sculpture

Sandstone (continued)
construction *see* Sandstone industries
geology
deposits 553.53
petrology 552.5
see also spec. minerals
industries
construction
economics 338.47+
technology 693.1
extractive
economics 338.27+
technology 622.35+
mining *see* Sandstone industries
petrology *see* Sandstone geology
properties
construction 691.2
engineering 620.132
quarrying *see* Sandstone industries
see also Sedimentary rocks
Sandstorms *see* Storms
Sandusky
Co. O. *area* –771 214
River O. *area* –771 2
Sandwich
men *see* Outdoor-sign advertising
panels *see* Composite woods
Sandwiches
cookery 641.84
food tech. 664.65
Sangamon
Co. Ill. *area* –773 56
River Ill.
gen. wks. *area* –773 55
see also other areas
Sangre de Cristo Range Colo.
gen. wks. *area* –788 49
see also other areas
Sanilac Co. Mich. *area* –774 43
Sanitarium
buildings *see* Health buildings
libraries *see* Hospital libraries
Sanitariums
mangaement 658.91+
services 362.13

Sanitary
analysis
gen. wks. **543.3**
organic chem. **547.33+**
engineering
govt. control 352.6
operations *see* Sanitation engineering
Sanitation
engineering
economics **338.47+**
technology
gen. wks. **628**
military **623.75**
ships **623.854**
home economics **648**
pub. health **614.7**
see also Plumbing
Sanpete Co. Utah *area* –792 56
Sansevieria *see* Agavales
Sanskrit
language **491.2**
see also other spec. subj.
Santa
Ana Mts. Calif.
gen. wks. *area* –794 96
see also other areas
Barbara Co. Calif. *area* –794 91
Catarina Brazil *area* –816
Clara Co. Calif. *area* –794 73
Cruz (province) Argentina *area* –827
Cruz (dept.) Bolivia *area* –843
Cruz Co.
Ariz. *area* –791 79
Calif. *area* –794 71
Cruz de Tenerife Canary Isls. *area* –649
Fe (province) Argentina *area* –822
Fe
Co. N.M. *area* –789 56
River Fla.
gen. wks. *area* –759 79
see also other areas
Lucia Range Calif.
gen. wks. *area* –794 78
see also other areas
Rosa Co. Fla. *area* –759 985
Santalaceae *see* Santalales

Santalales
botany 583.94
floriculture 635.933+
Santali *see* Austroasian
Santander
Colombia *area* –861 2
Spain *area* –463 51
Santarém Portugal *area* –469 45
Santee River S.C.
gen. wks. *area* **–757 8**
see also other areas
Santiago Chile *area* –833
Santiago del Estero Argentina *area* –825
São
Paulo Brazil *area* –816
Tomé (isl.) *area* –669 94
Saône River France
gen. wks. *area* **–444**
see also other areas
Saône-et-Loire France *area* –444 3
Sapindaceae *see* Sapindales
Sapindales
botany 583.28
floriculture 635.933+
Sapodilla
plums
agriculture
economics 338.17+
technology 634.43
food 641.34+
marketing 658.809+
processing *see spec. products*
see also Ebenales
trees
culture 635.977+
forestry 634.973+
see also Ebenales
Saponification *see* Hydrolysis
Saponifying
oils *see* Fixed oils
Sapotaceae *see* Ebenales
Sappers *see* Demolition (operations)
Sapphires
mineralogy 549.523
synthetic *see* Synthetic minerals
see also Precious stones

Saprolegniales
botany 589.26
paleobotany 561.92
Saprophytic
plants
biology
ecology 581.533 4
gen. wks. 582.1
culture 635.9
see also spec. plants
Saps
forest products
gen. wks. 634.986
see also spec. trees
processing
economics †338.47+
technology †668.372
Sarans *see* Polymerization textiles
Sarasota Co. Fla. *area* –759 61
Saratoga Co. N.Y. *area* –747 48
Saratov RSFSR *area* –478 5
Sarawak Malaysia *area* –911 53
Sarcodina
culture **639.73+**
paleozoology 563.1
zoology **593.11**
Sarcomas *see* Malignant neoplasms
Sarcoptiformes *see* Acari
Sardinia
ancient *area* –379
modern *area* **–459**
Sardis Res. Miss.
gen. wks. *area* –762 83
see also other areas
Sargent Co. N.D. *area* –784 31
Sargentadoxaceae *see* Berberidales
Sarmatia *area* –395
Sarpy Co. Neb. *area* –782 256
Sarraceniaceae *see* Sarraceniales
Sarraceniales
botany 583.121
floriculture 635.933+
Sarthe France *area* –441 7
Sashes *see* Dress accessories
Saskatchewan (province) *area* –712 4
Saskatchewan River
gen. wks. *area* –712 42
Saskatchewan River (continued)
north & south branches *area* –712 33
Sassafras
bark
agriculture
economics 338.17+
technology 633.82
drug *see* Botanical drugs
processing *see spec. products*
tea *see* Herb teas
trees
culture 635.977+
forestry 634.973+
see also Laurales
Sassari Sardinia *area* –459 3
Satan *see* Demonology
Satanism *see* Demonology
Satellite
cells *see* Histology
communication system *see* Telecommunication
communities *see* Communities
states *see* Dependent states
Satellites
artificial *see* Artificial satellites
astronomy
descriptive **†523.98**
theoretical **521.6**
see also ***s.s.–015+***
Satin
silk *see* Silk textiles
Satire *see* Humor
Saturating
papers *see* Paper products
Saturn (planet)
astronomy
descriptive 523.46
theoretical 521.5
see also *s.s.–015+*
Satyrmania *see* Sexual disorders
Saucers *see* Tableware
Sauces *see* Auxiliary foods
Saudi Arabia *area* –†538
Sauk Co. Wis. *area* –775 76
Saunders Co. Neb. *area* –782 296
Saurashtra India *area* –†547 5
Saurauiaceae *see* Theales

Saurischia *see* Archosauria
Sauropsida
paleozoology **568**
zoology **598**
Sauropterygia *see* Synaptosauria
Saururaceae *see* Piperales
Sautéing *see* Cooking processes
Sauterne *see* Wines
Savannah River
gen. wks. *area* **–758 1**
see also other areas
Savings
bus. accounting *see* Financial administration
economics *see* Deferred consumption
institutions *see* Financial institutions
Saviors *see* Messiahs
Savoie France *area* –444 8
Savona Italy *area* –451 84
Savory
agriculture
economics 338.17+
technology
field crops 633.82
garden crops 635.7
food 641.35+
processing *see spec. products*
see also Labiatae
Savoy France *area* –444 8
Sawatch Range Colo.
gen. wks. *area* **–788 4**
see also other areas
Sawdust
fuel *see* Fuels
gen. wks. *see* Wood residues
Sawfishes *see* Batoidea
Sawflies
agricultural pests 632.7+
culture 638.57+
see also Hymenoptera
Sawing-machinery
engineering
economics 338.47+
Sawing-machinery
engineering (continued)
technology
gen. wks. 621.93
see also spec. branches
see also spec. applications
Sawmill
operations
economics 338.47+
technology 674.22
products
manufacture
economics **338.47+**
technology **674.28**
see also spec. applications
Saws *see* Sawing-machinery
Sawtooth
Mts. Ida.
gen. wks. *area* **–796 7**
see also other areas
Range Ida.
gen. wks. *area* –796 29
see also other areas
Ridge Wash.
gen. wks. *area* –797 28
see also other areas
Sawyer Co. Wis. *area* –775 16
Saxhorns *see* Horns (musical instruments)
Saxifragaceae *see* Saxifragales
Saxifragales
botany †583.38
floriculture †635.933+
Saxifrage *see* Saxifragales
Saxony Germany *area* –432 1
Saxony-Anhalt Germany *area* –431 8
Saxophones *see* Single-reed instruments
Scaffolding
construction *see* Structural woodworking
Scagliola *see* Stuccowork
Scalds *see* Injuries
Scale
insects
agricultural pests 632.7+
culture 638.57+
see also Homoptera
mosses *see* Hepaticae
Scales (biological) *see spec. organisms*
Scales (tonal) *see* Audiology

Scales (weight) *see* Metrology
Scallions *see* Alliaceous plants
Scallops *see* Seafood
Scalp
disorders
gen. wks. **616.546**
pediatrics **618.92+**
see also Skin
Scalping *see* War customs
Scaly
anteaters *see* Edentates
Scandal *see* Vocal expressions
Scandinavia *area* **–48**
Scandinavian *see* Germanic
Scandium *see* Rare-earths
Scaphopoda
culture 639.48+
paleozoology 564.2
zoology 594.2
Scapula *see* Bones
Scarabaeoida *see* Polyphaga
Scarlatina *see* Eruptive fevers
Scarlet
fever
antitoxins *see* Serums
diseases *see* Eruptive fevers
Scarves *see* Dress accessories
Scenario
writing *see* Rhetoric
Scene
paintings *see* Stage scenery
Schaffhausen Switzerland *area* –494 5
Scheelite
mineralogy *see* Tungsten geology
Schenectady Co. N.Y. *area* –747 44
Scheuchzeriaceae *see* Alismatales
Schick
test toxins *see* Serums
Schiffli
work *see* Embroidery
Schipperkes *see* Nonsporting dogs
Schismatic
churches
medieval *see spec. churches*
Schismatic
churches (continued)
modern
religion **284.8**
see also Church buildings
Schisms *see* Church history
Schistosomiasis *see* Trematoda infestations
Schists *see* Metamorphic rocks
Schizaeaceae *see* Filicales
Schizandraceae *see* Magnoliales
Schizomycetes
botany **589.9**
culture **635.939+**
Schizophrenia *see* Psychoses
Schizophyceae *see* Cyanophyta
Schizophyta
botany 589.7
culture 635.939+
paleobotany 561.93
Schizopoda *see* Mysidacea
Schleicher Co. Tex. *area* –764 876
Schleswig-Holstein Germany *area* –†435 1
Schley Co. Ga. *area* –758 495
Schnauzers *see* Working dogs
Schoharie Co. N.Y. *area* –747 45
Scholarship *see* Intellectualism
Scholarships
education 378.34
gen. wks. †001.44
see also *s.s.*–079
Scholasticism
Christian philosophy 189.4
gen. wks. 149.2
see also spec. philosophers
School
administrators
school personnel
gen. wks. †371.201
see also spec. levels of ed.
training 370.76

School (continued)
areas
education
gen. wks. **371.6**
see also spec. levels of ed.
see also Cultural areas
attendance
gen. wks. **371.24**
see also spec. levels of ed.
buildings
architecture **727.1–.4**
construction
economics **338.47+**
technology **690.7+**
education
gen. wks. 371.62
see also spec. levels of ed.
interior decoration **747.8+**
buses *see* Motor vehicles
children *see* Children
cookery *see* Institutional cookery
discipline
gen. wks. 371.5
see also spec. levels of ed.
grounds *see* School areas
health
programs *see* Hygiene
hygiene *see* Hygiene
journalism *see* Journalism
libraries
gen. wks. **027.8**
see also spec. functions
organization
gen. wks. **371**
see also spec. levels of ed.
plant *see* School areas
principals *see* School administrators
songs *see* Student songs
superintendents *see* School administrators
supervisors *see* School administrators
Schoolcraft Co. Mich. *area* –774 935
Schools *see* Education
Schooners *see* Sailing craft
Schottische *see* Dancing
Schuyler Co.
Ill. *area* –773 475
Mo. *area* –778 26
N.Y. *area* –747 81
Schuylkill
Co. Pa. *area* –748 17
River Pa. *area* **–748 1**
Schwerin Germany *area* –†431 7
Schwyz Switzerland *area* –494 7
Sciatica *see* Neurological diseases
Sciences
applied **600**
pure
gen. wks. **500**
rel. aspects
Biblical **220.8+**
gen. wks. **215**
see also spec. rel.
study & teaching
elementary schools **372.35**
see also ***s.s.*–07**
social **300**
Scientific
drawing *see* Technical drawing
recreations *see* Magic arts
Scintillation
counters *see* Particle detectors
Scioto
Co. O. *area* –771 87
River O.
gen. wks. *area* **–771 5**
see also other areas
Sciuromorpha
paleozoology 569.32
zoology 599.323 2
Sciuromorphs
agricultural pests 632.6+
culture 636.9+
disease carriers *see* Disease carriers
hunting
industries 639.11+
sports 799.279+
see also Sciuromorpha
Sclera
anatomy *see* Fibrous tunics
diseases *see* Scleral disorders

Sclera (continued)
physiology *see* Fibrous tunics
Scleral
disorders
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man **617.719**
Sclerenchyma *see* Histology
Scombroidea *see* Acanthopterygii
Score
reading
music *see* Musical performance
Scores (games) *see spec. games*
Scores (music)
gen. wks. **780.8**
see also spec. mediums
Scoria *see* Volcanic rocks
Scorpaenoidea *see* Acanthopterygii
Scorpion
flies
culture 638.57+
see also Mecoptera
Scorpiones
paleozoology 565.4
zoology 595.46
Scorpions
agricultural pests 632.6+
culture 639.7
see also Scorpiones
Scotch
whisky *see* Spirits (alcoholic)
Scotland (country) ***area* –41**
Scotland Co.
Mo. *area* –778 31
N.C. *area* –756 335
Scott Co.
Ark. *area* –767 44
Ill. *area* –773 435
Ind. *area* –772 18
Ia. *area* –777 69
Kan. *area* –781 43
Ky. *area* –769 425
Minn. *area* –776 54
Miss. *area* –762 655
Scott Co. (continued)
Mo. *area* –778 97
Tenn. *area* –768 71
Va. *area* –755 73
Scotts Bluff Co. Neb. *area* –782 98
Scouring
compounds *see* Soaps
rushes *see* Sphenopsida
Scouting
mil. sci. *see* Field service
organizations *see spec. organizations*
recreation *see* Outdoor life
Scows *see* Hand-propelled craft
Scrap
materials *see* Waste salvage
metal
metallurgy
gen. wks. †669.04
see also spec. metals
see also spec. applications
Scrapbooks *see* Collected writings
Scrapers
agriculture
gen. wks. 631.315
see also Tillage
manufacture
economics 338.47+
technology 681.7
Screamers
culture 636.6
hunting
industries 639.12+
sports 799.248+
see also Anseriformes
Screening
chem. tech. *see* Unit operations
ores *see* Ore dressing
Screens (furniture) *see* Furniture
Screven Co. Ga. *area* –758 695
Screw
gears *see* Gears
pines *see* Pandanales
propellers *see* Propellers
Screw-cutting
machinery *see* Turning-machinery

Screws
engineering *see* Fastenings
physics *see* Simple machines
Scrip
money *see* Noncommodity money
Script
shorthand systems
bus. tech. 653.428
see also spec. applications
Scripture
readings
Christian liturgy
gen. wks. 264.3
spec. denominations **264.01–.09**
see also other spec. rel.
Scriptures
religion
gen. wks. 291.82
see also spec. rel.
see also Bible
Scriveboards *see* Shipyards
Scrollwork *see* Wood carvings
Scrophulariaceae *see* Personales
Scrotum *see* Reproductive organs
Scrub
typhus *see* Rickettsial diseases
Scuba
diving *see* Diving
Scuds *see* Amphipoda
Sculling *see* Boating
Sculpture
archeology †913.031
arts 731–735
religion
Christian 246.3
gen. wks. 291.37
see also other spec. rel.
study & teaching
elementary ed. 372.53
see also ***s.s.*–07**
Scurry Co. Tex. *area* –764 73
Scurvy *see* Nutritional diseases
Scyphostegiaceae *see* Urticales
Scyphozoa
culture †639.73+
Scyphozoa (continued)
paleozoology 563.73
zoology 593.73
Scythia *area* –395 1
Scytonemataceae *see* Cyanophyta
Scytopetalaceae *see* Tiliales
Sea Isls.
gen. wks. *area* –757 99
Ga. *area* –758 7
Sea
anemones *see* Anthozoa
bears *see* Eared seals
biology *see* Hydrographic biology
breezes *see* Winds
cows
culture 636.9+
hunting
industries 639.11+
sports 799.279+
see also Sirenia
cucumbers *see* Holothurioidea
fans *see* Anthozoa
fishing *see* Salt-water fishing
forces *see* Naval forces
grapes *see* Tunicata
hares *see* Sacoglossa
horses
culture 639.37+
fishing industries 639.27+
see also Mesichthyes
ice *see* Ice forms
laws *see* Commercial law
lemons *see* Sacoglossa
lilies *see* Crinoidea
lions *see* Eared seals
mantles *see* Stomatopoda
mats *see* Bryozoa
mosses *see* Rhodophyta
navigation *see* Navigation
onions *see* Stomatopoda
pens *see* Anthozoa
serpents *see* Imaginary animals
slugs *see* Sacoglossa
songs *see* Folk songs
spiders *see* Pycnogonida
squirts *see* Tunicata

Sea (continued)
urchins
fisheries †639.73+
see also Echinoidea
walnuts *see* Ctenophorae
warfare
international law 341.36
mil. sci. 359
see also hist. of spec. wars
waters *see* Marine waters
Seacoast
artillery pieces *see* Artillery (pieces)
Seadromes *see* Airports
Seafaring
life
gen. wks. 910.45
see also spec. aspects
Seafood
cookery 641.6+
gen. wks. 641.39+
marketing 658.809+
preservation
commercial 664.94
home 641.494
Seal
fishing *see* Eared seals, Earless seals
Sealants
materials
construction 691.99
engineering 620.199
see also spec. applications
Sealing *see spec. kinds of seals*
Seals (animals)
eared *see* Eared seals
earless *see* Earless seals
Seals (heraldry) *see* Heraldic design
Seals (stamps)
manufacture
gen. wks. 671.83
see also spec. metals
marketing 658.809+
numismatics †737.6
see also spec. applications
Sealyhams *see* Terriers
Seamanship
engineering 623.88
services 387
Seaplanes *see* Heavier-than-air aircraft
Seaports *see* Harbors
Searcy Co. Ark. *area* –767 195
Seas *see* Marine waters
Seascapes
arts
gen. wks. 704.943 7
see also spec. art forms
geography *see spec. areas*
Seasonal
holidays *see* Holidays
parties *see* Entertainments
unemployment *see* Unemployment
workers
labor economics 331.66–.67
see also Social classes
Seasoning
lumber
economics 338.47+
technology 674.38
Seasoning-herbs *see* Herbs
Seasons
astronomy 525.5
meteorology 551.5–.6
Seawalls
flood control *see* Flood control
harbor eng. *see* Harbors
reclamation eng. *see* Land reclamation
Sea-water
conversion
economics 338.47+
technology
gen. wks. 628.167
naval 623.854 2
see also spec. applications
Seaways *see* Transportation services
Seaweeds
organism *see* Phaeophyta
processing *see spec. products*
Sebaceous
disorders
animals
vet. sci. 636.089+
zoology 596.02
see also spec. animals

Sebaceous (continued)
man
medicine 616.53
pediatrics 618.92+
surgery 617.477
glands
anatomy
animals
vet. sci. 636.089+
zoology 596.047
see also spec. animals
man 611.77
diseases *see* Sebaceous disorders
physiology
animals
vet. sci. 636.089+
zoology 596.018
see also spec. animals
man 612.79
Sebastian Co. Ark. *area* –767 36
Sebecosuchia *see* Crocodilia
Seborrhea *see* Sebaceous disorders
Secale
cereale *see* Rye
Second
coming of Jesus Christ *see* Advent
Secondary
batteries *see* Batteries
education
gen. wks. 373
govt. control
gen. wks. †350.85
see also spec. levels of govt.
industries
economics 338.4
govt. control
gen. wks. 350.824
see also spec. levels of govt.
management 658.9
technology *see spec. industries*
school
libraries *see* School libraries
Secondary (continued)
schools
gen. wks. 373.1–.2
govt. control
gen. wks. †350.85
see also spec. levels of govt.
women 376.63
see also *s.s.*–071 2
Secret
associations
gen. wks. *see* Esoteric associations
students *see* Organizations
service *see* Police
Secretaries (furniture) *see* Furniture
Secretaries (personnel) *see* Office personnel
Secretion
biology
animals 591.14
gen. wks. 574.14
plants 581.14
see also spec. organisms
cells *see* Cytology
med. sci.
animals
gen. wks. 636.089+
see also spec. animals
man 612.4
Secretory
drugs
pharmacodynamics
med. sci. 615.74
vet. sci.
gen. wks. 636.089+
see also spec. animals
see also Pharmacology
organs
anatomy
biology
animals 591.44
gen. wks. 574.4
plants 581.44
see also spec. organisms

Secretory
organs
anatomy (continued)
med. sci.
animals
gen. wks. **636.089+**
see also spec. animals
man **611.4**
diseases *see* Glandular diseases
physiology *see* Secretion
Sectarian
schools *see* Church-supported schools
Section-cutting
techniques *see* Slide preparation
Sects *see* Denominations
Secularism *see* Humanism
Securities
economics **332.63**
insurance **368.85**
manufacture
art work **765**
printing 655.318
public *see* Public securities
Securities exchanges
institutions *see* Investment institutions
operations *see* Trading procedures
Security
government 350
management 658.47
public *see* Public order
Sedatives *see* Neurotic drugs
Sedentaria *see* Polychaeta
Seder *see* Holy days
Sedges *see* Cyperales
Sedgwick Co.
Colo. *area* –788 76
Kan. *area* –781 86
Sedimentary
rocks
gen. wks. 552.5
see also spec. aspects
Sedimentation
chem. tech. *see* Unit operations
soils *see* Deposition
Sedition *see* Offenses
Seditious
libel *see* Offenses
Seduction
crime *see* Offenses
sex *see* Sex relations
Sedum *see* Saxifragales
Seed
ferns *see* Pteridospermae
plants
floriculture 635.942
landscaping **715–716**
see also Spermatophyta
Seeders *see* Planting equipment
Seeding
equipment *see* Planting equipment
techniques
gen. wks. 631.531
see also spec. crops
Seeding clouds *see* Artificial precipitation
Seedless
plants *see* Cryptogamia
Seeds
agriculture
economics **338.17+**
technology
forest products 634.987
garden crops **635.6**
propagational crops 631.521
see also spec. crops
botany
gen. wks. †582.046 7
see also spec. plants
Sees *see* Episcopal system
Segmented
worms *see* Annelida
Segovia Spain *area* –463 57
Segregation
racial *see* Racial segregation
Seiches *see* Marine waters
Seigniory *see* Private land
Seine France
dept. *area* –443 6
river
gen. wks. ***area* –443 4**
see also other areas
Seine-et-Marne France *area* –443 7
Seine-et-Oise France *area* –443 65
Seine-Inférieure France *see* Seine-Maritime

Seine-Maritime France *area* –442 5
Seining *see* Fishing
Seismography *see* Earthquakes
Seismology *see* Earthquakes
Selachii
paleozoology 567.3
zoology 597.31
Selaginaceae *see* Lamiales
Selaginellales *see* Lycopsida
Selenates *see* Selenium compounds
Selenic *see* Selenium compounds
Selenides
chemistry *see* Selenium compounds
mineralogy
gen. wks. 549.32
see also Selenium geology
Selenic *see* Selenium compounds
Selenites *see* Selenium compounds
Selenium
cells *see* Photoelectric effects
compounds
chemistry
inorganic **546.724**
organic 547.09
manufacture
inorganic 661.07+
organic 661.89
pharmacology
gen. wks.
inorganic 615.2+
organic 615.3+
veterinary 636.089+
fabrication *see* Selenium industries
geology
gen. wks. 553.499
mineralogy
element 549.25
minerals *see spec. minerals*
industries
extractive
metallurgy 669.79
mining 622.349+
Selenium
industries (continued)
manufacturing
economics 338.47+
technology 673.79
metabolism *see* Micronutrient elements
metallography *see* Selenium properties
mineralogy *see* Selenium geology
mining *see* Selenium industries
products *see spec. subj.*
properties
chemistry **546.724**
engineering 620.189 9
metallography 669.957+
see also Radiochemistry
Selenography **523.34**
Selenonic *see* Selenium compounds
Selenonium *see* Selenium compounds
Selenyl *see* Selenium compounds
Self *see* Personality
Self-control *see* Virtues
Self-defense
gen. wks. 613.66
mil. sci.
tactics
gen. wks. **355.4**
see also spec. mil. branches
training *see* Training maneuvers
see also Combat sports
Self-denials *see* Religious experience
Self-discipline *see* Religious experience
Self-education *see* Adult education
Self-induction *see* Electrodynamics
Selfishness *see* Evils
Self-reliance *see* Virtues
Self-service
stores *see* Retail marketing

Self-sustaining
engines *see* Rocket engines
Selkirk
Co. Scotland *area* –414 65
Mts. B.C. *area* –711 43
Selkup *see* Samoyedic
Selling *see* Salesmanship
Semaeostomeae *see* Scyphozoa
Semantics
language *see* Etymology
philosophy 149.94
Semaphore
signals *see* Communication systems
Semeiology *see* Symptomatology
Semicircular
canals *see* Internal ear
Semiconductivity
crystallography 548.85
engineering
gen. wks. 621.381
see also spec. applications
mineralogy 549.127
physics 537.622
Semiconductor
valves
engineering
gen. wks. 621.381 52
see also spec. branches
physics 537.622
Semiconductors
chemistry
gen. wks. 541.377
organic 547.1+
technical 660.29+
engineering
electronics *see* Semiconductor valves
materials
gen. wks. 620.112 9
see also spec. materials
see also Semiconductivity
Semidetached
houses *see* Residential buildings
Semidiesel
engines *see* Diesel engines
locomotives *see* Locomotives
Semi-indirect
lighting *see* Illumination
Semimetals *see* Metals
Semimicro
analysis
qualitative chem.
gen. wks. †544.85
organic †547.34+
quantitative chem.
gen. wks. †545.84+
organic †547.35+
Seminars *see* Discussion methods
Seminole Co.
Fla. *area* –759 23
Ga. *area* –758 996
Okla. *area* –766 71
Semionotoidea *see* Holostei
Semiprecious
stones
geology
gen. wks. 553.87
mineralogy *see spec. minerals*
industries
extractive
economics **338.27+**
technology **622.38+**
glyptics **736.2**
mineralogy *see* Semiprecious stones geology
Semiquantitative
analysis *see* Qualitative analysis
Semiskilled
occupations
economics
labor **331.76**
production 338.63–.64
technology *see spec. subj.*
see also Social classes
Semisovereign
states *see* Dependent states
Semitic
ethnic groups *area* **–174+**
languages **492**
lingual groups *area* **–175+**
see also other spec. subj.
Sempervivums *see* Saxifragales
Senates *see* Legislative bodies

Seneca Co.
N.Y. *area* –747 69
O. *area* –771 24
Senegal *area* –663
Senescence *see* Gerontology
Senile
dementias *see* Psychoses
Senility *see* Gerontology
Senior
citizens *see* Aged people
colleges *see* Colleges
high schools *see* Secondary schools
Senna
drug *see* Botanical drugs
plant *see* Leguminosae
Sensation
physiology *see* Sensory functions
psychology *see* Perception
Sensationalism
philosophy 145
see also Perception
Sense
organs
anatomy
biology
gen. wks. 591.48
see also spec. animals
med. sci.
animals
gen. wks. **636.089+**
see also spec. animals
man **611.84–.88**
diseases *see spec. diseases*
physiology *see* Sensory functions
Sensory
functions
biology
animals 591.18
gen. wks. 574.18
plants 581.18
see also spec. organisms
cells *see* Cytology
med. sci.
animals
gen. wks. **636.089+**
see also spec. animals
man **612.8**
psychology *see* Perception
Sensory (continued)
nerves
anatomy *see* Neuroanatomy
diseases *see* Neurological diseases
physiology *see* Neurophysiology
perception *see* Perception
Sentiments
psychology †152.452
see also Personality
Seppuku *see* Suicide
Septic
tanks *see* Unsewered structures
Septicemia
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.944**
obstetrics **618.74**
pediatrics **618.92+**
Sepulchres *see* Tombs
Sequatchie Co. Tenn. *area* –768 77
Sequoia Nat. Park Calif. *area* –794 86
Sequoia
trees
culture 635.977+
forestry 634.975 8
see also Coniferales
Sequoyah Co. Okla. *area* –766 81
Seraphim *see* Angelology
Serbia Yugoslavia *area* –†497 1
Serbian *see* Serbo-Croatian
Serbo-Croatian
ethnic groups *area* –174+
language **†491.82**
lingual groups *area* –175+
see also other spec. subj.
Serenades
customs 392.4
music *see spec. mediums*
Serfs *see* Social classes
Sergipe Brazil *area* –814
Serial
advertising
economics **338.47+**
technology **659.132**

Serial (continued)
publications
printing **655.1–.3**
publishing 655.572
see also Serials
Serials
general **050**
library treatment 025.173
see also *s.s.*–05
Sericulture *see* Silkworms
Series
calculus
gen. wks. 517.21
see also *s.s.*–015+
writings *see* Collected writings
Serigraphy *see* Silk-screen printing
Sermons
Christian religion
gen. wks. **†252**
pub. worship 264.6
gen. wks. 291.38
see also other spec. rel.
Sero-bacterins *see* Serums
Serous
membrane
medication *see* Membrane medication
membranes *see* Histology
Serpent
horns *see* Horns (musical instruments)
Serpentes
paleozoology 568.12
zoology 598.12
Serpentine
construction *see* Serpentine industries
geology
gen. wks. 553.55
mineralogy 549.67
petrology 552.4
industries
construction 693.1
extractive
economics 338.27+
technology 622.35+
mineralogy *see* Serpentine geology
mining *see* Serpentine industries
Serpentine (continued)
petrology *see* Serpentine geology
properties
construction 691.2
engineering 620.132
quarrying *see* Serpentine industries
see also Metamorphic rocks
Serpents *see* Snakes
Serrai Greece *area* –495 6
Serum
therapy *see* Serums
Serums
pharmacology
med. sci. **615.37**
vet. sci.
gen. wks. **636.089+**
see also spec. animals
see also spec. diseases
Service
club
songs *see* Fraternal songs
industries *see* Service occupations
occupations
economics
labor **331.761**
production **338.4**
technology *see spec. subj.*
station
buildings *see* Transportation buildings
stations (motor vehicles)
management 658.91+
services
gen. wks. 388.33
repairs 629.286
Serving
food *see* Table service
Servomechanisms *see* Closed-loop control systems
Sesame
agriculture
economics 338.17+
technology 635.7
food 641.35+
processing *see spec. products*
see also Personales
Session
laws *see* Statutes

Settees *see* Furniture
Setters *see* Gun dogs
Setting-up
exercises *see* Gymnastics
Setubal Portugal *area* –469 4
Seven Devils Mts. Ida.
gen. wks. *area* –796 26
see also other areas
Seven
Years' War
gen. wks. 940.253 4
see also spec. countries
Seventh-day
observance *see* Holy days
schools *see* Religious training
Seven-up *see* Card games
Severnaya Zemlya *area* –987
Sevier Co.
Ark. *area* –767 47
Tenn. *area* –768 893
Utah *area* –792 55
Sevilla Spain *area* –468 6
Sewage
analysis *see* Sanitary analysis
disposal
engineering
economics **338.47+**
technology
military 623.753
municipal **628.36–.39**
rural †628.742
structures *see* Sanitary engineering
see also Plumbing
sludge
fertilizers
agriculture
gen. wks. 631.869
see also spec. crops
processing
economics 338.47+
technology 668.63+
treatment
gen. wks. **628.32–.35**
military 623.753
Seward
Co.
Kan. *area* –781 735
Neb. *area* –782 324
election district Alaska *area* –798 3
Sewellels *see* Sciuromorphs
Sewerage
engineering
economics **338.47+**
technology **628.2**
see also Plumbing
lines *see* Utility lines
Sewers *see* Sewerage
Sewing (technique)
domestic 646.2
industrial **685–687**
study & teaching
elementary ed. 372.54
see also **s.s.–07**
Sewing
clothing *see* Garments
Sex
cells *see* Germ cells
crimes *see* Offenses
customs *see* Sex relations
differences
biology 577.8
psychology **†155.33**
hormonal
drugs *see* Endocrine drugs
organs *see* Reproductive organs
relations
biology *see* Reproduction
ethics
philosophy
outside marriage 176
within marriage 173
religion
Christian 241
see also other spec. rel.
law 347.6
psychology †155.34
soc. customs
outside marriage 392.6
within marriage 392.5
sociology
outside marriage †301.415
within marriage 301.426
see also Life cycle
Sexes
biology
gen. wks. 577.8
see also spec. organisms
psychology **†155.3**
sociology **†301.41**
Sext *see* Divine Office

Sextants
astronomy 522.41
manufacture
economics 338.47+
technology 681.2
nautical *see* Nautical equipment
see also spec. applications
Sexual
aberrations *see* Sexual disorders
deviations *see* Sexual disorders
disorders
medicine
gen. wks. **616.858 3**
see also Sterility
psychology **†157.7+**
sociology
gen. wks. †301.415
welfare **362.2**
see also Mental hygiene
ethics
philosophy
family 173
gen. wks. **176**
religion
Christian 241
gen. wks. 291.5
see also other spec. rel.
see also Sex relations
perversions *see* Sexual disorders
reproduction *see* Reproduction
selection
biology
gen. wks. 577.8
organic evolution †575.5
see also spec. organisms
Seychelles Indian Ocean *area* –696
Seyhan Turkey *area* –564
Shabuoth *see* Holy days
Shackelford Co. Tex. *area* –764 734
Shaddock *see* Grapefruit
Shade
trees *see* Trees
Shadow
plays *see* Miniature theater
Shaft
sinking *see* Shafts
Shafting *see* Shafts
Shafts
engineering
economics 338.47+
technology
gen. wks. 621.823
mining 622.25
see also other spec. branches
see also spec. applications
Shag
dance *see* Dancing
Shagbarks *see* Hickory nuts
Shakers
religion 289.8
see also Church buildings
Shakes
manufacture *see* Sawmill products
roofing *see* Roofing operations
Shale
oils *see* Mineral oils
Shales *see* Sedimentary rocks
Shallots *see* Alliaceous plants
Shallu *see* Sorghums
Shampooing
hair
men *see* Barbering
women *see* Hairdressing
Shanghai China *area* –511 32
Shannon Co.
Mo. *area* –778 87
S.D. *area* –783 66
Shansi China *area* –511 7
Shantung China *area* –511 4
Shantung
silk *see* Silk textiles
Shaped
charges *see* Demolition charges
Shapers *see* Planning-machinery
Sharecroppers *see* Seasonal workers
Sharkey Co. Miss. *area* –762 414
Shark-liver oil *see* Fish-liver oils
Sharks
culture 639.37+

Sharks (continued)
fishing
industries
economics 338.37+
technology 639.27
sports 799.17+
see also Selachii
Sharkskins *see* Fancy-weave fabrics
Sharp Co. Ark. *area* –767 23
Sharpshooters *see* Infantry
Shasta Co. Calif. *area* –794 24
Shavers *see* Personal grooming equipment
Shaving
whiskers *see* Barbering
Shavings
wood *see* Wood residues
Shawano Co. Wis. *area* –775 36
Shawls *see* Garments
Shawnee Co. Kan. *area* –781 63
Shear
modulus *see* Elasticity
Shearing
livestock *see* Grooming livestock
Shearing-stresses *see* Stresses (mechanical)
Shearwaters *see* Pelagic birds
Sheboygan Co. Wis. *area* –775 69
Sheds see Farm buildings
Sheep
disease carriers *see* Disease carriers
husbandry **636.3**
wool textiles *see* Woolen textiles
see also Bovoidea
Sheepdogs *see* Working dogs
Sheet-metal
work
gen. wks.
economics **338.47+**
technology
gen. wks. **671.82**
see also spec. metals
shipbuilding *see* Hull construction
see also other spec. products
Shefford Co. Que. *area* –714 63
Shelburne Co. N.S. *area* –716 25
Shelby Co.
Ala. *area* –761 79
Ill. *area* –773 798
Ind. *area* –772 59
Ia. *area* –777 48
Ky. *area* –769 435
Mo. *area* –778 32
O. *area* –771 45
Tenn. *area* –768 19
Tex. *area* –764 179
Shelf
ice *see* Ice forms
Shell
carvings 736.6
parakects *see* Budgerigars
roofs *see* Roofs
Shellac *see* Varnishes
Shellac plastics *see* Natural-resin plastics
Shellcrafts
arts 745.55
industry
economics 338.47+
technology 679
Shellers
agriculture
gen. wks. 631.36
see also Terminal operations
manufacture *see* Special-purpose machinery
Shellfish
crustaceans *see* Crustaceans
food *see* Seafood
mollusks *see* Mollusks
Shelling
crops *see* Terminal operations
Shells (artillery) *see* Ammunition
Shells (mollusks) *see* Mollusca
Shells (shape)
engineering
materials **620.112 82**
structures 624.177 6
see also spec. kinds
Shelters
air raid *see* Blastproof structures
livestock
gen. wks. 636.083 1

Shelters
livestock (continued)
see also Farm buildings
see also Welfare
Shelves
library equip. 022.4
see also Furniture
Shelving *see* Shelves
Shenandoah
Co. Va. *area* –755 95
Nat. Park Va.
gen. wks. *area* **–755 9**
see also other areas
Valley Va. *area* **–755 9**
Shensi China *area* –514 3
She-oaks *see* Beefwood trees
Shepherd
dogs *see* Working dogs
Sherbets *see* Frozen desserts
Sherbrooke Co. Que. *area* –714 66
Sherburne Co. Minn. *area* –776 66
Sheridan Co.
Kan. *area* –781 145
Mont. *area* –786 21
Neb. *area* –782 92
N.D. *area* –784 76
Wyo. *area* –787 32
Sheriffs *see* Police
Sherman Co.
Kan. *area* –781 115
Neb. *area* –782 44
Ore. *area* –795 64
Tex. *area* –764 813
Sherry *see* Wines
Shetland Isls. *area* –411 1
Shetland
ponies *see* Ponies
woolens *see* Woolen textiles
Sheyenne River N.D.
gen. wks. *area* **–784 3**
see also other areas
Shiawassee Co. Mich. *area* –774 25
Shibah *see* Funeral rites
Shields
heraldic *see* Heraldry
military *see* Armor
Shiga Japan *area* –521 8
Shigella
infections *see* Dysenteries
Shikoku Japan *area* –523
Shimane Japan *area* –521 9
Shingles (building)
manufacture *see* Sawmill products
roofing *see* Roofing operations
Shingles (disease) *see* Vesicular eruptions
Shintoism
culture groups
geography 910.091+
history 909.09+
subject treatment *area* –176+
philosophy 181.09+
religion **299.561**
Ship
canals *see* Canals
canneries *see* Merchant ships
engineering *see* Naval engineering
handling *see* Seamanship
railways *see* Special-purpose railways
Shipboard
cookery *see* Quantity cookery
Shipbuilding *see* Ships
Shipfitting *see* Hull construction
Shiplap *see* Pattern lumber
Shipment
management **658.788**
services *see* Transportation services
Shipping
centers *see* Commercial areas
insurance *see* Transportation insurance
operations *see* Transportation services
Ships
construction
economics **338.47+**
technology **623.82**
mil. sci.
gen. wks. 355.83
see also spec. mil. branches
see also Transportation services

Ship-timber
beetles
culture 638.57+
see also Mordelloidea
Ship-to-shore
stations *see* Broadcasting stations
Shipworms *see* Pelecypoda
Shipwrecks
rescue operations *see* Rescue operations
travel 910.453
see also Commercial law
Shipwrights'
work *see* Hull construction
Shipyard
buildings *see* Industrial buildings
Shipyards
construction
economics 338.47+
technology 627.35
naval eng. **623.83**
Shirts *see* Garments
Shizuoka Japan *area* –521 6
Shoats *see* Swine
Shock (biological)
anaphylactic *see* Allergies
circulatory
first-aid treatment 614.88
surgical treatment 617.21
Shock
absorbers
machinery
gen. wks. 621.81
see also spec. kinds
marketing 658.809+
motor vehicles *see* Chassis
waves *see* Air flow
Shock-resistant
construction *see* Resistant construction
Shoes *see* Footwear
Shōgi *see* Chess
Shooks *see* Sawmill products
Shooting (activities)
mil. sci.
tactics *see* Tactics
training *see* Training maneuvers
sports **799.3**
see also Hunting (activity)
Shooting-stars *see* Meteors
Shoplifters *see* Offenders
Shoplifting
crime *see* Offenses
psychopathic *see* Personality-disorders
Shopping
center
areas *see* Commercial areas
buildings *see* Commercial buildings
Shops *see* Commercial buildings
Shoran
engineering *see* Radar
navigation
aircraft 629.132 51
ships 623.893 3
Shore
formation *see* Marine waters
reclamation
engineering
economics 338.47+
technology 627.58
see also spec. applications
Shoreditch London *area* –421 5
Shorelands *see* Coasts
Shores *see* Coasts
Shoring *see* Excavation
Short
stories *see* Fiction
Shortages
accounts *see* Budgets
production *see* Maladjustments
Shortenings *see* Fats
Shorthand
bus. tech. **653**
see also spec. applications
Short-order
meals
cookery 641.57
service 642.57
Short-run
sales *see* Sales management
Short-wave
electronics *see* Circuit electronics
systems *see* Telecommunication
Shoshone Co. Ida. *area* –796 91

Shot-blasting
metals *see* Surface treatment
Shotguns *see* Small arms
Shot-putting *see* Track athletics
Shoulder
blade *see* Bones
pads *see* Notions
weapons *see* Small arms
Shovels *see* Materials-handling equipment
Showcase
displays *see* Display advertising
Shows
advertising *see* Display advertising
recreation *see* Recreational activities
sales promotion *see* Sales promotion
Shrapnel
projectiles *see* Special-purpose projectiles
Shrews *see* Insectivores
Shrikes *see* Laniidae
Shrimps
fisheries
economics 338.372+
technology 639.54+
food *see* Seafood
see also Natantia
Shrines
buildings
architecture 726.1
construction 690.6+
interior decoration 747.8+
religion *see* Sacred places
Shrinkage-controlled
fabrics
manufacture
economics 338.47+
technology 677.688
marketing 658.809+
see also spec. applications
Shropshire Eng. *area* –424 5
Shrove
Tuesday
celebrations *see* Pageants
gen. wks. *see* Holidays
Shrubs
botany
herbaceous 582.14
woody 582.17
see also spec. plants
floriculture
gen. wks. 635.976
see also spec. plants
landscaping
herbaceous 716
woody 715.3
Shuffleboard *see* Pitching games
Shunts *see* Resistance measurements
Shutters
photography *see* Cameras
structures *see* Blinds
Shuttle
cars
mining *see* Materials-handling equipment
transportation *see* Transportation services
Shuttlecocks *see* Recreational equipment
Sialogogues *see* Secretory drugs
Siam *see* Thailand
Siamangs *see* Apes
Siamese *see* Thai
Siberia *area* **–57**
Siberian
huskies *see* Working dogs
Sibley Co. Minn. *area* –776 33
Siblings
children *see* Children
gen.wks. *see* Kinship
Sibyls *see* Divination
Sicily
ancient *area* –378
modern *area* **–458**
Side
arms
art metalwork 739.72
customs 399
manufacture
economics 338.47+
technology 623.444

Side
arms (continued)
mil. sci.
gen. wks. 355.82
see also spec. mil. branches
Sideboards *see* Furniture
Sideline
stores *see* Retail marketing
Sidereal
clocks
astronomy 522.51
see also spec. applications
Siderite
mineralogy 549.782
see also Iron geology
Sidewalks
engineering
economics 338.47+
technology 625.88
see also Trafficways
Sidings (lumber) *see* Pattern lumber
Sidings (structures) *see* Walls
Siege
artillery pieces *see* Artillery (pieces)
warfare
engineering
gen. wks. 623.2
see also Defense operations
mil. sci.
gen. wks. 355.44
see also spec. mil. branches
see also hist. of spec. wars
Siena Italy *area* –455 8
Sienna *see* Pigments
Sierra
Co.
Calif. *area* –794 36
N.M. *area* –789 67
Leone *area* –664
Nevada Calif.
gen. wks. *area* **–794 4**
see also other areas
Sifting
crops *see* Terminal operations
Sighting
apparatus *see* Range finders
Sigmoid
flexure *see* Intestines
Sign
language *see* Nonverbal language
painting
economics 338.47+
technology 698.128
Signal
devices *see* Control devices
houses *see* Transportation buildings
lights
gen. wks. *see* Communication systems
nautical *see* Nautical equipment
Signaling *see* Communication systems
Signals *see* Communication systems
Signets *see* Seals (stamps)
Signs
advertising 659.134
folklore 398.37
symbolic *see* Divination
Sikang China *area* –†513 8
Sikkim *area* –†549 7
Silage *see* Fodder
Silanes *see* Silicon compounds
Silesia
Czechoslovakia *area* –†437 2
Poland *area* –†438 5
Silhouette
photography *see* Trick photography
Silhouettes
drawings 741.7
see also other art forms
Silica
chemistry *see* Silicon compounds
minerals *see* Silicates
Silicanes *see* Silicon compounds
Silicates
mineralogy
gen. wks. 549.6
see also spec. minerals
see also Silicon compounds
Silicides *see* Silicon compounds

Silicon
bronze *see* Copper alloys
compounds
chemistry
inorganic **546.683**
organic **547.08**
manufacture
inorganic 661.06+
organic **661.88**
see also spec. products
copper *see* Copper alloys
fabrication *see* Silicon industries
geology
gen. wks. 553.62
mineralogy
gen. wks. **549.6**
see also spec. minerals
industries
manufacturing 661.1
mining 622.36+
metabolism *see* Micronutrient elements
mineralogy *see* Silicon geology
mining *see* Silicon industries
products *see spec. subj.*
properties
chemistry **546.683**
engineering 620.19
see also Radiochemistry
steel *see* Iron alloys
technology *see* Silicon industries
Silicones
gen. wks. *see* Silicon compounds
plastics *see* Polymerization plastics
Silicosis *see* Respiratory diseases
Silk
culture *see* Silkworms
textiles
dyeing & printing
home econ. 640
technology **667.3**
manufacture
economics **†338.47+**
technology **†677.391–.394**
Silk
textiles (continued)
materials
construction 691.9
engineering 620.197
see also spec. applications
Silk-cotton
trees
culture 635.977+
forestry 634.973+
see also Tiliales
Silk-screen
printing
arts
gen. wks. 764.8
textiles 746.6
industry
economics 338.47+
technology
gen. wks. 655.316
textiles 667.38
Silkworms
culture 638.2
see also Frenatae
Silky
flycatchers *see* Ptilogonatidae
Sillimanite
mineralogy 549.62
see also Refractory materials
Sills (carpentry) *see* Structural woodworking
Sills (geology)
gen. wks. 551.88
see also spec. ores
Silo
filling *see* Terminal operations
Silos *see* Farm buildings
Silt *see* Sedimentary rocks
Silurian
period *see* Paleozoic era
Siluroidea *see* Ostariophysi
Silver Bow Co. Mont. *area* –786 68
Silver
alloys
manufacture
economics **338.47+**
technology **673.23**
metallurgy 669.23
properties

Silver
alloys (continued)
chemistry **546.654**
engineering 620.189 2+
metallography 669.952+
art metalwork *see* Silversmithing
certificates *see* Paper money
coinage
finance **332.4**
see also Coins
compounds
chemistry **546.654**
manufacture 661.06+
pharmacology
gen. wks. 615.2+
veterinary 636.089+
fabrication *see* Silversmithing
geology
gen. wks. 553.421
mineralogy
element 549.23
minerals *see spec. minerals*
industries
extractive
metallurgy 669.23
mining 622.342
manufacturing *see* Silversmithing
metallography *see* Silver properties
mineralogy *see* Silver geology
mining *see* Silver industries
products *see spec. subj.*
properties
chemistry **546.654**
engineering 620.189 2+
metallography 669.952+
see also Radiochemistry
Silverfish
agricultural pests 632.7+
culture 638.57+
see also Synaptera
Silversmithing
arts **739.23**
manufacturing
economics **338.47+**
technology **673.23**
Silverware
production *see* Silversmithing
table decor *see* Table decor
Silverwork *see* Silversmithing
Silviculture
economics 338.17+
technology
gen. wks. **634.95**
see also spec. trees
Simarubaceae *see* Rutales
Simcoe Co. Ont. *area* –713 17
Similars
law *see* Homeopathy
Similkameen River
gen. wks. *area* –711 41
see also other areas
Simmering *see* Cooking processes
Simmonds'
disease *see* Endocrine disorders
Simple
ball games
customs 394.3
ethics 175
gen. wks. 796.31
see also Child play
machines
physics 531.8
see also spec. applications
salts *see* Salts
Simpson Co.
Ky. *area* –769 735
Miss. *area* –762 585
Simultaneous
equations *see* Equations
Sinai Peninsula
ancient *area* –394 8
modern *area* –531
Sinaloa Mexico *area* –723
Sinan China *area* –513
Sind Pakistan *area* –†549 12
Sindhi *see* Prakrits
Singapore Malaysia *area* –595 2
Singing
gen. wks. *see* Vocal expressions
music *see* Songs
pub. worship *see* Music
Singing-games *see* Child play
Single-line
outlets *see* Retail marketing

Single-loop
position-control systems *see* Closed-loop control systems
Single-reed
instruments
manufacture
economics **338.47+**
technology **681.81+**
music **788.6**
Single-wicket
cricket *see* Bat games
Sinhalese *see* Prakrits
Sink-float
concentration *see* Ore dressing
Sinkiang-Uighur China *area* –516
Sinop Turkey *area* –†563
Sins
dogmatics
Christian religion **233.2**
gen. wks. 291.22
see also other spec. rel.
morality *see* Evils
Siouan *see* Hokan-Siouan
Sioux Co.
Ia. *area* –777 13
Neb. *area* –782 99
N.D. *area* –784 88
Sioux (subject) *see* Hokan-Siouan
Sipei China *area* **–514**
Siphon
tunnels *see* Tunnels
Siphonales *see* Chlorophyta
Siphonaptera
paleozoology 565.77
zoology 595.775
Siphonophora *see* Hydrozoa
Sipunculoidea *see* Gephyrea
Sirach *see* Ecclesiasticus
Siracusa Sicily *area* –458 14
Sirenia
paleozoology 569.5
zoology 599.55
Sirocco *see* Winds
Sirups (drugs) *see* Medicinal solutions
Sirups (food) *see* Sugars
Sisal
hemp *see* Agave
Siskiyou
Co. Calif. *area* –794 21
Mts.
gen. wks. *area* –795 25
see also other areas
Sisterhoods *see* Religious congregations
Sisters
children *see* Children
gen. wks. *see* Kinship
Sit-down
strikes
labor *see* Union-management disputes
sociology *see* Group behavior
Site
planning
art 711.6
management 658.21
Sitka election district Alaska *area* –798 2
Sittidae
paleozoology 568.8
zoology 598.822
Sitting
rooms *see* Rooms
Sivas Turkey *area* –565
Sizing
ores *see* Ore dressing
paper *see* Papermaking
textiles *see* Textiles
Skagit Co. Wash. *area* –797 72
Skamania Co. Wash. *area* –797 84
Skanderborg Denmark *area* –489 5
Skaneatales Lake N.Y.
gen. wks. *area* –747 65
see also other areas
Skaraborg Sweden *area* –486
Skat *see* Card games
Skates (animals) *see* Batoidea
Skates (footwear) *see* Footwear
Skating
ice *see* Ice sports
roller *see* Roller skating
Skeet
shooting *see* Shooting (activities)
Skeletal
muscle tissues *see* Histology

Skeletons
gen. wks. *see* Bones
specimen preparation 579.1
Skepticism
philosophy
gen. wks.
ancient **186**
gen. 149.73
metaphysics 121.5
religion
gen. wks. 211.7
see also Heresies
Sketching *see* Drawing lines
Ski
tows *see* Materials-handling equipment
troops *see* Infantry
Skiffs *see* Hand-propelled craft
Skiing
snow *see* Snow sports
water *see* Boating
Skilled
craftsmen *see* Craftsmen
occupations
economics
labor **331.76**
production 338.63–.64
technology *see spec. subj.*
see also Social classes
Skillet
cookery *see* Special-equipment cookery
Skimmers (birds) *see* Terns
Skin
anatomy
animals
vet. sci. 636.089+
zoology 591.47
see also spec. animals
man 611.77
disorders
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.5**
pediatrics **618.92+**
surgery 617.477
see also Plastic surgery
see also Allergies
diving *see* Diving
Skin (continued)
friction *see* Boundary layers
lotions *see* Cosmetics
make-up *see* Cosmetics
physiology
animals
vet. sci. **636.089+**
zoology 591.18
see also spec. animals
man **612.79**
ulcerations *see* Skin disorders
Skins
gen. wks. *see* Skin
processing
fur *see* Fur industries
leather *see* Leather production
Skips (mining) *see* Elevators (lifts)
Skirmishing
mil. sci. *see* Battle tactics
Skirts *see* Garments
Skis *see* Footwear
Skits
gen. wks. *see* Drama
minstrel *see* Traveling shows
Skittles *see* Indoor ball games
Skull *see* Cranium
Skunk River Ia.
gen. wks. *area* **–777 9**
see also other areas
Skunk
cabbages *see* Arales
Skunks *see* Mustelines
Skutterudite *see* Smaltite
Skydiving
mil. sci. *see* Infantry
sports *see* Air sports
Skylights *see* Roof structures
Skyscraper
foundations *see* Foundations (structures)
Skyscrapers *see* Commercial buildings
Skywriting *see* Entertainment advertising
Slabs *see* Beams
Slacks *see* Garments

Slags
fertilizers *see* Phosphorus fertilizers
metallurgy 669.84
Slander
ethics 177.3
religion
Christian 241.3
see also other spec. rel.
Slang *see* Dialectology
Slate
construction *see* Slate industries
geology
deposits 553.54
petrology 552.4
see also spec. minerals
industries
construction
economics 338.47+
technology 695.2
extractive
economics 338.27+
technology 622.35+
mining *see* Slate industries
petrology *see* Slate geology
properties
construction 691.2
engineering 620.132
quarrying *see* Slate industries
see also Metamorphic rocks
Slave
labor *see* Slaves
trade *see* Slaves
Slavery
ethics 177.5
laws †340
pol. sci. 326
sociology †301.452 2
see also Slaves
Slaves
commerce
gen. wks. †380.144
see also spec. kinds of trade
labor economics
gen. wks. 331.582
see also Domestic employees
see also Social classes
Slavic
ethnic groups *area* –174+
languages **491.8**
lingual groups *area* –175+
see also other spec. subj.
Slavonia Yugoslavia *area* –†497 2
Sled
dogs *see* Draft dogs
Sledding
activity *see* Snow sports
equipment *see* Recreational equipment
Sleds *see* Recreational equipment
Sleep
hygiene 613.79
physiology 612.821
psychology **†154.6**
therapy 615.85
Sleepers (railroad ties)
engineering *see* Tracks (railroads)
manufacture *see* Sawmill products
Sleeping
bags *see* Camp equipment
cars *see* Trains
wear *see* Garments
Sleeplessness *see* Insomnia
Sleet *see* Precipitation
Sleet storms *see* Storms
Sleighing *see* Snow sports
Sleight-of-hand *see* Magic arts
Slenderizing
people *see* Body contours
Slenderizing-salons
economics 338.47+
management 658.91+
technology 646.75
Slide
fasteners *see* Notions
preparation
animal tissues **578.9**
gen. wks. **578.6**
plant tissues **578.8**
rules *see* Analog instruments
Slides
gen. wks. *s.s.*–†022
teaching aids *see* Audio-visual materials
Sliding
wage scales *see* Wages

Sliding-ways *see* Shipyards
Sligo Ireland *area* –417 2
Slime
molds
diseases *see* Fungus diseases
organisms *see* Myxomycophyta
Slip
covers
interior decoration
art 747.5
home economics 645.4
manufacture
economics 338.47+
technology 684.3
Slippers *see* Footwear
Slipping plants
agriculture 631.535
botany 581.16+
see also spec. plants
Slips (garments) *see* Garments
Slips (shipyards) *see* Shipyards
Slipstream *see* Air flow
Slivovitz *see* Spirits (alcoholic)
Sloops *see* Sailing craft
Slope Co. N.D. *area* –784 93
Sloth *see* Evils
Sloths *see* Edentates
Slotters *see* Planing-machinery
Slovak
ethnic groups *area* –174+
language **491.87**
lingual groups *area* –175+
see also other spec. subj.
Slovakia Czechoslovakia *area* –437 3
Slovenia Yugoslavia *area* –†497 3
Slovenian
ethnic groups *area* –174+
language **491.84**
lingual groups *area* –175+
see also other spec. subj.
Slow
cookery *see* Special-equipment cookery
Slowdowns
labor *see* Union-management disputes
Slowdowns (continued)
sociology *see* Group behavior
Slugs
agricultural pests **632.6+**
see also Gastropoda
Sluices *see* Penstocks
Slum
clearance *see* Slums redevelopment
Slumber
songs *see* Folk songs
Slums
geography *see spec. areas*
health hazards 613.5
redevelopment
civic art 711.59
sociology †301.54
social conditions **309**
Small
arms
art metalwork **739.7**
customs *see* War customs
manufacture
economics **338.47+**
technology
gen. wks. **683.4**
military **623.44**
mil. sci.
gen. wks. 355.82
practice *see* Training maneuvers
see also spec. mil. branches
businesses
economics †338.64
management †658.022
craft
engineering
gen. wks. 623.820 2
spec. kinds **623.823**
see also Transportation services
forge work
economics **338.47+**
technology **682**
game
hunting *see* Hunting
intestines *see* Intestines

Small-arms
ammunition
manufacture
economics 338.47+
technology 623.455
mil. sci.
gen. wks. 355.82
see also spec. mil. branches
see also spec. applications
Small-boat
installations *see* Marinas
Smallpox (disease) *see* Eruptive fevers
Smallpox
vaccines *see* Serums
Smaltite
mineralogy 549.32
see also Cobalt geology, Nickel geology
Smelling *see* Olfactory perception
Smilacaceae *see* Liliales
Smith Co.
Kan. *area* –781 21
Miss. *area* –762 58
Tenn. *area* –768 52
Tex. *area* –764 225
Smithsonite
mineralogy 549.782
see also Zinc geology
Smocking *see* Embroidery
Smog *see* Air pollution
Smoke (atmospheric) *see* Air pollution
Smoke bombs *see* Special-purpose projectiles
Smoke screens *see* Camouflage
Smokers'
supplies
manufacture
economics 338.47+
technology 688.4
see also spec. applications
Smokes *see* Colloids
Smoking
food *see* Food preservation
tobacco
customs
private 392
public 394.1
habit *see* Addictions

Smolensk RSFSR *area* –476
Smooth
muscle tissues *see* Histology
muscles *see* Muscles
Smuggling *see* Offenses
Smut
fungi
diseases *see* Fungus diseases
organisms *see* Ustilaginales
Smyrna Turkey *see* Izmir
Smyth Co. Va. *area* –755 72
Snack
bars *see* Public accommodations
Snack-bar
meals
cookery *see* Quantity cookery
service 642.57
Snacks *see* Meals
Snails
agricultural pests 632.6+
see also Gastropoda
Snake River
gen. wks. *area* –796 1
Ore. *area* –795 7
Wash. *area* –797 4
Wyo. *area* –787 55
Snake River Range
gen. wks. *area* –787 55
see also other areas
Snake
antivenins *see* Serums
flies
agricultural pests 632.7+
culture 638.57+
see also Neuroptera
roots *see* Polygalales
Snakebirds *see* Cormorants
Snakes
agricultural pests 632.6+
culture †639.39+
hunting
industries †639.14+
sports 799.279+
see also Serpentes
Snap
beans *see* Garden beans
Snapdragons *see* Personales

Snappers
culture 639.37+
fishing
industries 639.27+
sports 799.17+
food
cookery 641.6+
gen. wks. 641.39+
see also Acanthopterygii
Sneezeweed
agricultural pests 632.58
see also Asterales
Snipe *see* Woodcock
Snohomish Co. Wash. *area* –797 71
Snow
construction
economics 338.47+
technology 693.91
cover *see* Snow precipitation
fences
agriculture 631.27
engineering
highways 625.763
railroads 625.13
formations
climatology †551.64+
meteorology †551.578 47–.578 48
loads *see* Loads
precipitation
climatology †551.64+
meteorology †551.578 41–.578 43
removal
highways *see* Highway maintenance
runways *see* Runways
streets
economics 338.47+
technology 628.466
sculpture 736.94
sports
customs 394.3
gen. wks. 796.9
surveys
meteorology 551.579
see also spec. applications
Snow-compacted
roads *see* Ice crossings
Snowdrops *see* Amaryllidales
Snowfall *see* Snow precipitation

Snow-on-the-mountains *see* Euphorbiales
Snowplows
manufacture
economics 338.47+
technology 681.7
marketing 658.809+
uses
gen. wks. *see* Snow removal
railroads *see* Trains
Snowshoeing *see* Snow sports
Snowshoes *see* Footwear
Snowstorms *see* Storms
Snuff *see* Tobacco products
Snyder Co. Pa. *area* –748 49
Soap
sculpture
arts 736.95
study & teaching
elementary ed. 372.53
see also ***s.s.–07***
Soapberry
trees
culture 635.977+
forestry 634.973+
see also Sapindales
Soapbox
racing *see* Cycling
Soaps
manufacture
economics 338.47+
technology 668.12
marketing 658.809+
see also spec. applications
Soapstone
art *see* Sculpture
construction *see* Soapstone industries
geology
deposits 553.55
petrology 552.4
see also Talc
industries
construction
economics 338.47+
technology 693.1
extractive
economics 338.27+
technology 622.35+

Soapstone (continued)
mining *see* Soapstone industries
petrology *see* Soapstone geology
properties
construction 691.2
engineering 620.132
quarrying *see* Soapstone industries
see also Metamorphic rocks
Soaring
engineering *see* Aerodynamics
sports *see* Air sports
Sobriquets *see* Personal names
Soccer *see* Football
Social
accounting *see* National accounting
anthropology *see* Culture
barriers *see* Social classes
centers *see* Recreational land
change *see* Culture
classes
customs **390.1–.5**
education *see* Exceptional children
ethics 177.5
pol. status †323.3
sociology **301.44–.45**
clubs
gen. wks. **367**
see also spec. activities
conduct *see* Etiquette
credit money *see* Managed currency
customs
gen. wks. **391–395**
folklore **398**
sociology 301.152
democracy *see* Socialistic states
discrimination *see* Discriminatory practices
ecology *see* Adaptability
ethics *see* Social relations
evolution *see* Culture
gerontology *see* Aged people

Social (continued)
guidance *see* Counseling
institutions
customs **391–395**
sociology **301.4**
insurance *see* Social security insurance
life *see* Social customs
movements *see* Group behavior
parties *see* Entertainments
problems
religion
Christian 261.83
gen. wks. 291.17+
see also other spec. rel.
sociology **301.4–.5**
psychology
groups **301.1**
individuals **†155.92**
reform
law †340
sociology *see* Group behavior
relations
ethics **177**
etiquette **395**
psychology *see* Social psychology
sciences
gen. wks. **300**
history *see* History
religion *see* Social theology
study & teaching
elementary ed. 372.83
see also *s.s.* –07
security
insurance
gen. wks. **368.4**
see also Financial institutions
studies *see* Social sciences
theology
Christian religion **261**
gen. wks. **291.17**
see also other spec. rel.
welfare *see* Welfare
Socialism
Christian *see* Socialistic states

Socialism (continued)
democratic *see* Socialistic states
evolutionary *see* Socialistic states
Marxian *see* Communist states
nationalistic *see* Fascist states
pre-Marxian *see* Ideal states
revolutionary *see* Communist states
Socialist
Labor Party *see* Political parties
Party *see* Political parties
Workers Party *see* Political parties
Socialistic
states
economics
Christian 335.7
gen. wks. 335.5
pol. sci. 321.74
see also spec. areas
Socialization
economics
gen. wks. **338.9**
land 333.14
govt. control
gen. wks. **350.8**
see also spec. levels of govt.
Societies (organizations) *see* Organizations
Society Isls. *area* –962 1
Society
of Colonial Wars *see* Hereditary societies
of Friends
religion **289.6**
see also Ecclesiastical buildings
of Jesus *see* Jesuits
of the Cincinnati *see* Hereditary societies
Socinianism
heresy *see* Heresies
religion *see* Unitarianism

Socioeconomic
problems
religion
Christian **261.8**
gen. wks. **291.17+**
see also other spec. rel.
sociology **301.4–.5**
regions & groups *area* –17
Sociology
gen. wks. **301**
see also spec. applications
Socks *see* Garments
Socorro Co. N.M. *area* –789 62
Socotra *area* –677 2
Soda
niter
chemistry *see* Nitrogen compounds
minerals *see* Nitrogen geology
water *see* Soft drinks
Sodermanland Sweden *area* –487
Sodium
compounds
chemistry **546.382**
manufacture 661.038+
pharmacology
gen. wks. 615.2+
veterinary 636.089+
geology
deposits 553.632
petrology 552.5
see also spec. minerals
industries
extractive
metallurgy 669.725
mining 622.36+
manufacturing
economics 338.47+
technology 673.725
metabolism *see* Macronutrient elements
metallography *see* Sodium properties
mineralogy *see* Sodium geology
mining *see* Sodium industries
nitrate fertilizers *see* Nitrates fertilizers
products *see spec. subj.*

Sodium (continued)
properties
chemistry **546.382**
engineering 620.189 6
metallography 669.957+
see also Radiochemistry
Sodium-free
salts *see* Food salts
Sodium-vapor
lighting *see* Electric lighting
Sodomy
crime *see* Offenses
sex *see* Sexual disorders
Sofas *see* Furniture
Soft
drinks
drinking *see* Drinking
manufacture
economics **338.47+**
technology
commercial **663.6**
domestic 641.875
marketing 658.809+
pub. health meas. 614.34
fibers
agriculture
economics **338.17+**
technology **633.51–.56**
processing *see spec. products*
Softball *see* Bat games
Softwood *see* Lumber
Sogdiana *area* –396
Sogn og Fjordane Norway *area* –483
Soil
chemistry
agriculture 631.41
mineralogy **549.6–.7**
conditioners
agriculture
gen. wks. **631.82**
see also spec. crops
extraction
economics **338.27+**
mining **622.36**
geology
gen. wks. **553.6**
mineralogy **549.2–.7**
manufacture
economics 338.47+
technology 668.64

Soil (continued)
conservation
economics
policies 333.74–.76
production 338.27+
practices **631.4**
drainage *see* Drainage
erosion
control meas.
agriculture **631.45**
botany 581.522 3
geology **551.3**
microbiology
agriculture 631.46
biology 576.16
physics *see* Soils
pollution
countermeasures
economics 338.47+
technology 628
pub. health 614.776
profiles *see* Soil surveys
roads *see* Trafficways
surveys
agriculture **631.47**
engineering
foundations 624.151 7
railroads 625.122
roads 625.732
see also other spec. applications
see also *area* –148
Soil-cement
roads *see* Trafficways
Soilless
culture
gen. wks. 631.585
see also spec. crops
Soils
agriculture
gen. wks. **631.4**
see also spec. crops
engineering
gen. wks. 620.191
see also Soil surveys
geology
gen. wks. **553.6**
mineralogy **549.6–.7**
Soja max *see* Soybeans
Sokotri *see* South Arabic
Solanaceae *see* Solanales

Solanales
botany 583.79
floriculture 635.933+
Solano Co. Calif. *area* –794 52
Solanum
melongena *see* Eggplants
tuberosum *see* Potatoes
Solar
astronomy
descriptive **523.7**
tables 525.38
theoretical 521
batteries
engineering
economics 338.47+
technology
gen. wks. 621.475
see also spec. branches
see also spec. applications
engines
engineering
economics 338.47+
technology
gen. wks. 621.473
see also spec. branches
see also spec. applications
furnaces
engineering
economics 338.47+
technology
gen. wks. 621.477
see also spec. branches
see also spec. applications
heating
gen. wks. †697.78
see also spec. applications
houses *see* Residential buildings
radiation
astronomy 525.2
chemistry *see* Photochemistry
meteorology 551.527 1
physics **535**
see also spec. applications
system
astronomy
descriptive **523.2**
theoretical **521**

Solar
system (continued)
see also *s.s.*–015+
tides *see* Tides
Solar-energy
engineering
economics **338.47+**
technology **621.47**
heating *see* Solar heating
Solariums *see* Rooms
Soldering
metals
arts 739.14
technology
gen. wks. 671.56
see also spec. metals
Soldiers'
songs *see* Folk songs
Solenodons *see* Insectivores
Solid
geometry
gen. wks.
Euclidean 513.3
post-Euclidean 513.5
see also *s.s.*–015+
space
algebra *see* Universal algebra
Solidification *see* Physical transformations
Solids
physics 530.41
see also spec. applications
Solid-state
masers *see* Masers
physics *see* Solids
Solifugae
paleozoology 565.4
zoology 595.48
Solitaire *see* Card games
Solomon
Isls. *area* –935
River Kan.
gen. wks. *area* –781 2
see also other areas
Solomon (O.T.)
Apocrypha *see* Wisdom of Solomon
Song *see* Song of Solomon
Solothurn Switzerland *area* –494 3
Solstices *see* Seasons
Solubility *see* Solutions

Solutes *see* Solutions
Solutions
chemistry
gen. wks. **541.34**
organic **547.1+**
technical **660.29+**
medicinal *see* Medicinal solutions
see also spec. applications
Solvent
extraction *see* Unit operations
Solvents *see* Solutions
Solway Firth Scotland *area* –414
Somali *see* Cushitic
Somalia *area* –†677 3
Somaliland *area* **–677**
Somatology
gen. wks. *see* Physical anthropology
statistics *see* Demography
Sombrero West Indies *area* –†729 73
Somerset Co.
Eng. *area* –423 8
Me. *area* –741 2
Md. *area* –752 23
N.J. *area* –749 44
Pa. *area* –748 79
Somervell Co. Tex. *area* –764 52
Somme France *area* –442 6
Somnambulism *see* Dreams
Somnifacients *see* Neurotic drugs
Sonar
engineering
economics 338.47+
technology 621.389 53
navigation 623.893 8
see also other spec. applications
Sonata
gen. wks. 781.52
see also spec. mediums
Sonderborg Denmark *area* –489 5
Sondrio Italy *area* –452 5
Song
birds
culture **636.68**
see also Passeriformes
of Solomon (O.T.)
gen. wks. **223.9**
see also Pseudepigrapha
Song (continued)
of Songs *see* Song of Solomon
of the three children
Apocrypha **229.5**
liturgy
gen. wks. 264.3–.4
see also spec. denominations
Songs
literature *see* Poetry
music
gen. wks. **784**
religious **783.6**
see also Choral music
Sonneratiaceae *see* Lythrales
Sonnets *see* Poetry
Sonoma Co. Calif. *area* –794 18
Sonora Mexico *area* –721
Sons
of the American Revolution *see* Hereditary societies
Soothsaying *see* Divination
Sophonias (O.T.) *see* Minor prophets
Soporifics *see* Neurotic drugs
Sorangiaceae *see* Myxobacteriales
Sorbian *see* Wendish
Sorbose *see* Sugars
Sorcerers
religion
gen. wks. 291.62
see also spec. rel.
see also Witchcraft
Sorcery *see* Witchcraft
Sorghum
sirup *see* Sugars
Sorghums
agriculture
economics 338.17+
technology
forage crops 633.25+
grain crops **633.174**
fodder
gen. wks. 636.086
see also spec. animals
food
cookery 641.63+
gen. wks. 641.331+

Sorghum
food (continued)
processing *see spec. products*
see also Panicoideae
Soria Spain *area* –463 55
Soriano Uruguay *area* –895 2
Soro Denmark *area* –489 1
Sorophora *see* Sarcodina
Sororities *see* Organizations
Sorority
songs *see* Student songs
Sorosilicates
mineralogy 549.63
see also spec. minerals
Sorrel
agricultural pests 632.58
agriculture
economics †338.17+
technology †635.56
food 641.35+
processing *see spec. products*
see also Cruciales
Sorrow
psychology *see* Emotions
virtues *see* Virtues
Sorting
crops *see* Terminal operations
Sorting-machines
manufacture
economics 338.47+
technology 681.14
marketing 658.809+
office services 651.26
Sor-Trondelag Norway *area* –484
Soteriology *see* Salvation
Soul
metaphysics 128.1
religion
dogmatics
Christian 233.5
gen. wks. 291.22
see also other spec. rel.
gen. wks. 218
Soulanges Co. Que. *area* –714 265
Sound (acoustics)
perception *see* Audiology
recording *see* Electroacoustical devices
Sound (acoustics) (continued)
reinforcing systems *see* Public address systems
waves
gen. wks. **534.1–.4**
see also spec. applications
see also Acoustics
Soundings
hydrographic surveying
gen. wks. 526.99
see also spec. applications
oceanography 551.460 7
Soundproofing *see* Resistant construction
Souris River
gen. wks. *area* **–784 6**
see also other areas
Soursops *see* Anonaceous fruits
Sousaphones *see* Horns (musical instruments)
South
Africa *area* **–68**
America *area* **–8**
Atlantic states U.S. *area* **–75**
Australia *area* –942
Boston Va. *area* –755 66
Carolina *area* **–757**
central states U.S. *area* **–76**
China
Sea *see* Pacific Ocean
Dakota *area* **–783**
Georgia *area* –971
Holland Netherlands *area* –492 3
Island N.Z. *area* **–931 5**
Norfolk Va. *area* –755 52
Orkney Isls. *area* –971
Platte River
gen. wks. *area* **–788 7**
see also other areas
Pole *area* –99
Sandwich Isls. *area* –971
Shetland Isls. *area* –971
South
American
aboriginals *see* Amerindians
Indians *see* Amerindians

South (continued)
Arabic
ethnic groups *area* –174+
languages 492.9
lingual groups *area* –175+
see also other spec. subj.
Southampton Co.
Eng. *area* –422 7
Va. *area* –755 55
Southeast
Asia Treaty Organization
defense 355.031
organization 341.18+
see also spec. services
Southeastern states U.S. ***area* –75**
Southern
Hemisphere
geography 910.091+
history 909.09+
subj. treatment *area* 181 4
see also spec. areas
Rhodesia *area* –†689 1
states U.S.
gen. wks. ***area* –75**
see also other areas
Territories Algeria *area* –657
Southern
lights *see* Auroras
Southwark London *area* –421 6
South-West Africa *area* –688
Sovereign
states *see* State (The)
Sovereignty
of God *see* Divine law
Soviet Union ***area* –47**
Sow
bugs *see* Isopoda
Sowers *see* Planting equipment
Sowing
equipment *see* Planting equipment
techniques *see* Seeding techniques
Sows *see* Swine
Soybean
plastics *see* Protein plastics
textiles *see* Protein textiles
Soybeans
agriculture
economics 338.17+
Soybeans
agriculture (continued)
technology
field crops **633.34**
garden crops **635.655**
fodder
gen. wks. 636.086
see also spec. animals
food 641.35+
marketing 658.809+
processing *see spec. products*
see also Leguminosae
Space (abstraction)
mathematics
algebra 512.894
geometry 513.82
see also *s.s.*–015+
see also Cosmology
Space (area)
chemistry *see* Stereochemistry
heatcrs *see* Radiative heating
Space (extraterrestrial)
artillery pieces *see* Artillery (pieces)
biology *see* Biophysics
communication
engineering
economics 388.47+
technology
radio 621.384 197
television 621.388 9
see also Telecommunication
cosmology *see* Cosmology
economics 333.94
flight *see* Astronautics
flights
engineering
manned **629.45**
unmanned **629.43**
see also spec. applications
forces
mil. sci.
gen. wks. 358.8
see also spec. types of warfare
law 341.52
mail *see* Postal communication

Space (continued)
navigation *see* Navigation
photography
gen. wks. 778.353
see also spec. applications
physiology *see* Biophysics
probes *see* Space (extraterrestrial) flights
psychology †155.966
soundings *see* Space (extraterrestrial) flights
stations
engineering
economics 338.47+
technology 629.44
see also spec. applications
warfare
mil. sci. 358.8
see also hist. of spec. wars
see also *area* –19
Spacecraft (vehicles)
architecture 725.99
construction
economics **338.47+**
technology
gen. wks. **629.46–.47**
military 623.749
psychology *see* Space (extraterrestrial) psychology
see also Transportation
Space-time
geometry *see* Absolute geometries
Spaghetti *see* Pastas
Spain ***area* –46**
Spalding Co. Ga. *area* –758 44
Spaniels *see* Gun dogs
Spanish
America ***area* –8**
Guinea *area* –671 8
Sahara *area* –648
Spanish
ethnic groups *area* –174+
language **461–468**
lingual groups *area* –175+
see also other spec. subj.
Spanish moss *see* Bromeliales
Spanish plums
agriculture
economics 338.17+
technology 634.44
food 641.34+
see also Sapindales
Spanish Succession War
gen. wks. 940.252 6
see also spec. countries
Spar
varnishes *see* Varnishes
Sparganiaceae
botany 584.612
floriculture 635.934+
Spark-ignition
engines
engineering
economics 338.47+
technology
automobiles 629.250 4
gen. wks. 621.434
see also other spec. branches
see also spec. applications
Sparkling
wines *see* Wines
Sparrows
agricultural pests 632.6+
see also Fringillidae
Spars *see* Nautical equipment
Sparta Greece
ancient *area* –389
modern *area* –495 2
Spartanburg Co. S.C. *area* –757 29
Spastics *see* Crippled
Spatial
perception *see* Optics
Spatterdocks *see* Ranales
Spaying *see* Gynecology
Spear
fishing *see* Fishing
throwing *see* Track athletics
Spearmint *see* Mint (plant)
Spears *see* Side arms
Special
districts
geography *see spec. areas*
governments *see* Local governments
education *see* Exceptional children

Special (continued)
libraries
gen. wks. **026**
see also spec. functions
services
mil. sci.
gen. wks. **355.34**
see also spec. mil. branches
see also hist. of spec. wars
Special-delivery
mail *see* Postal communication
Special-equipment
cookery
commercial 664
home **641.58**
Special-process
photography
gen. wks. **772–773**
see also spec. applications
Special-purpose
cookery
commercial **664.6**
home **641.56**
machinery
manufacture
economics 338.47+
technology 681.6–.7
marketing 658.809+
see also spec. operations
paints
manufacture
economics 338.47+
technology 667.69
see also spec. applications
projectiles
manufacture
economics 338.47+
technology 623.451 4–.451 9
mil. sci.
gen. wks. 355.82
see also spec. mil. forces
railways
eng. & construction
economics **338.47+**
technology
gen. wks. **625.3–.6**
military **623.63**
see also Transportation services
Special-purpose (continued)
vessels
engineering
economics **338.47+**
technology **623.82**
see also Government vessels
Specialty
advertisements
economics 338.47+
technology 659.137
papers *see* Paper products
plywoods *see* Composite woods
stores *see* Retail marketing
textiles
dyeing & printing
home econ. 640
technology 667.3+
manufacture
economics 338.47+
technology 677.32–.35
marketing 658.809+
materials
construction 691.9
engineering 620.197
see also spec. applications
Species *see* Genetics
Specific
gravity
crystallography 548.845
mechanics
gases 533.15
liquids 532.4
solids 531.54
mineralogy 549.121
see also spec. materials
heats *see* Calorimetry
Spectacles *see* Eyeglasses
Spectaculars
advertising *see* Outdoor-sign advertising
entertainment *see spec. mediums*
Specters *see* Ghosts
Spectrochemical
analysis *see* Spectroscopy
Spectrographic
analysis *see* Spectroscopy
Spectroheliographs
astronomy 522.562

Spectroheliographs (continued)
manufacture
economics 338.47+
technology 681.2
see also spec. applications
Spectrohelioscopes *see* Spectroheliographs
Spectrometers *see* Spectroscopes
Spectroscopes
manufacture
economics **338.47+**
technology **681.414**
marketing 658.809+
physics 535.33
see also spec. applications
Spectroscopic
analysis *see* Spectroscopy
Spectroscopy
astronomy
gen. wks. 522.67
see also spec. celestial bodies
chemistry
qual. anal.
gen. wks. **544.6**
organic **547.34+**
quan. anal.
gen. wks. **†545.83**
organic **†547.35+**
see also Mass spectroscopy
physics
analytical **539**
gen. wks. **535.84**
Spectrum
analysis *see* Spectroscopy
Speculation
finance *see* Trading procedures
thought *see* Thought processes
Speech
arts
rhetoric **808.5**
study & teaching
elementary ed. †372.62
see also *s.s.*–07
disorders
med. sci.
gen. wks. **616.855 4**
pediatrics **618.92+**
Speech
disorders (continued)
psychology
gen. wks. †157.5+
pedology †155.45+
see also Exceptional children
see also Mental hygiene
organs
anatomy *see spec. organs*
diseases *see spec. diseases*
physiology 612.78
training
education *see* Exceptional children
medicine
gen. wks. **616.855**
pediatrics **618.92+**
see also Vocal expressions
Speeches
literature
collections **808.85**
criticism **809.5**
rhetoric **808.5**
see also Collected writings
Speedboats *see* Small craft
Speleology *see* Caves
Spelling
English language
phonology 421.52
usage 428.1
gen. wks. *see* Phonology
study & teaching
elementary ed. †372.63
see also *s.s.*–07
see also other spec. languages
Spelling games *see* Puzzles
Spells *see* Magic arts
Spelunking *see* Outdoor life
Spencer Co.
Ind. *area* –772 31
Ky. *area* –769 455
Sperm
cells *see* Germ cells
oil *see* Fixed oils
whales *see* Odontocetes
Spermaceti *see* Waxes

Spermatogenesis *see* Germ cells
Spermatophyta
botany **582**
paleobotany **561.2**
see also spec. plants
Spermatophytes *see* Spermatophyta
Sperrylite
mineralogy 549.72
see also Platinum geology
Spezia Italy *see* La Spezia
Sphacelariales *see* Phaeophyta
Sphaeropsidales *see* Deuteromycetes
Sphagnaceae *see* Sphagnales
Sphagnales
botany 588.1
floriculture 635.938+
paleobotany 561.8
Sphagnum
soil conditioners *see* Soil conditioners
Sphalerite
mineralogy 549.32
see also Zinc geology
Sphene
mineralogy 549.62
see also Titanium geology
Spheniscíformes
paleozoology 568.4
zoology 598.44
Sphenophyllales *see* Sphenopsida
Sphenopsida
botany 587.2
floriculture 635.937+
paleobotany 561.72
Sphenopteris
gen. wks. 561.597
see also *s.s.*–015+
Spherical
astronomy
gen. wks. **522.7**
geodesy **526.6**
geometry *see* Solid geometry
trigonometry
gen. wks. 514.6
see also *s.s.*–015+
Spice Isls. *see* Moluccas
Spice
plants
agriculture
economics 338.17+
technology 633.83–.84
food *see* Spices
processing *see spec. products*
Spices
food
cookery *see spec. dishes*
gen. wks. **641.338**
marketing 658.809+
processing
economics 338.47+
technology 664.53–.54
Spicules
anatomic *see spec. organisms*
chromospheric *see* Solar astronomy
Spiders
agricultural pests 632.6+
culture 639.7
see also Araneida
Spiderworts *see* Commelinales
Spies *see* Espionage
Spiked
punches *see* Spirits (alcoholic)
Spikes *see* Fastenings
Spillways
hydraulic
economics 338.47+
technology 627.883
see also Hydrodynamics
Spinach
agriculture
economics 338.17+
technology **635.41**
food 641.35+
marketing 658.809+
processing *see spec. products*
see also Chenopodiales
Spinacia
oleracea *see* Spinach
Spinal
column *see* Bones

Spinal (continued)
cord
anatomy
animals
vet. sci. 636.089+
zoology 596.048
see also spec. animals
man 611.82
diseases
animals
vet. sci. 636.089+
zoology 596.02
see also spec. animals
man
medicine **616.8**
pediatrics **618.92+**
surgery **617.482**
physiology
animals
vet. sci. 636.089+
zoology 596.018
see also spec. animals
man 612.83
nerves
anatomy *see* Neuroanatomy
diseases *see* Neurological diseases
physiology *see* Neurophysiology
Spine *see* Bones
Spinel
mineralogy 549.526
see also Semiprecious stones
Spinets *see* Keyboard string instruments
Spink Co. S.D. *area* –783 21
Spinning (fishing) *see* Fishing
Spinning (motion) *see* Gyrodynamics
Spinning
fibers
crafts 746
industry 677.028 22
metals *see* Drawing metals
Spinning-machines
manufacture
economics 338.47+
technology 681.7
Spinning-machines (continued)
textile equipment
crafts 746
technology 677.028 52
Spinning-wheels *see* Spinning-machines
Spinsters *see* Women
Spinulosa *see* Asteroidea
Spiny
anteaters
conservation 639.97+
culture 636.91
hunting 639.11+
see also Monotremata
Spiraea *see* Rosales
Spiral
gears *see* Gears
Spires *see* Roof structures
Spirit (The) *see* Soul
Spirit
varnishes *see* Varnishes
Spiritism *see* Spiritualism
Spirits (alcoholic)
cookery 641.62
drinking *see* Drinking
manufacture
economics **338.47+**
technology
commercial **663.5**
domestic †641.874
marketing
technology 658.809+
see also Liquor traffic
pub. health meas. 614.34
Spirits (apparitions) *see* Ghosts
Spiritual
renewal
Christian religion **269**
gen. wks. 291.7
see also other spec. rel.
Spiritualism
occultism **133.9**
philosophy 141
religion *see spec. rel.*
Spiritualist
Church *see* Recent Christian sects
Spirituals *see* Ethnic songs
Spirochaetaceae *see* Spirochaetales

Spirochaetales
  botany 589.99
  culture 635.939+
Spirochetal
  relapsing fevers *see* Relapsing fevers
Spirotricha *see* Ciliophora
Spitsbergen *see* Svalbard
Spleen
  anatomy
    animals
      vet. sci. 636.089+
      zoology 591.44
      see also spec. animals
    man 611.41
  diseases *see* Splenic disorders
  physiology
    animals
      vet. sci. 636.089+
      zoology 591.14
      see also spec. animals
    man 612.41
Splenic
  disorders
    animals
      vet. sci. 636.089+
      zoology 591.2
      see also spec. animals
    man
      medicine 616.41
      pediatrics 618.92+
      surgery 617.551
  fever *see* Zoogenous diseases
Splicing
  ropes
    crafts *see* Weaving
    seamanship *see* Seamanship
Split-level
  houses *see* Residential buildings
Spodumene
  mineralogy 549.66
  see also Lithium geology
Spokane Co. Wash. *area* –797 37
Spondylotherapy *see* Chiropractic
Sponges
  fisheries †639.73+
  see also Porifera
Spongiosis *see* Internal ear
Spongy
  bone tissues *see* Histology
Sponsored
  programs *see* Broadcast advertising
Spontaneous
  abortion *see* Abortion
  combustion *see* Combustion
  generation *see* Life
Spools
  metallic *see* Metalcrafts
  wooden *see* Wooden minor products
Spoonbills (birds)
  conservation 639.97+
  culture 636.6
  hunting
    industries 639.12+
    sports 799.248+
  see also Ciconiiformes
Spoonbills (fish) *see* Acipsenseroidei
Spoons *see* Tableware
Sporades Greece
  northern
    ancient *area* –391 1
    modern *area* –499
  southern *see* Dodecanese
Sporadic
  cholera *see* Enteric diseases
Sporochnales *see* Phaeophyta
Sporozoa
  culture †639.73+
  paleozoology 563.1
  zoology 593.19
Sport
  cars *see* Motor vehicles
Sporting
  animals
    culture
      gen. wks. †636.088 8
      see also spec. animals
  dogs
    culture
      gen. wks. 636.708+
      spec. breeds 636.75
    use
      hunting †799.234
      see also other spec. purposes
    see also Canidae

Sporting (continued)
  goods *see* Recreational equipment
Sports (biological) *see* Genetics
Sports (recreation)
  customs 394.3
  equipment *see* Recreational equipment
  ethics 175
  gen. wks. †796
  military *see* Special services
  student life
    gen. wks. †371.892–.893
    see also spec. levels of ed.
Sportsmanship *see* Recreational activities
Sportswear *see* Garments
Spot
  tests *see* Microchemical analysis
Spotsylvania Co. Va. *area* –755 365
Spotted
  fevers *see* Rickettsial diseases
Spraying
  surfaces *see* Surface finishing
Spring
  tides *see* Tides
Springs (mechanical)
  engineering
    economics 338.47+
    technology
      gen. wks. 621.824
      see also spec. branches
    see also Structural forms
  see also spec. applications
Springs (water) *see* Ground waters
Springtails
  agricultural pests 632.7+
  culture 638.57+
  see also Synaptera
Sprinkling
  streets *see* Street cleaning
Sprinting *see* Track athletics
Sprites *see* Supernatural beings
Spruce
  trees
    culture 635.977+
Spruce
  trees (continued)
    forestry 634.975 2
    see also Coniferales
Spruces *see* Coniferales
Spumone *see* Frozen desserts
Spur
  gears *see* Gears
Spurges *see* Euphorbiales
Sputniks *see* Artificial satellites
Spyglasses *see* Field glasses
Squabs *see* Pigeons
Squadrons *see* Organizational units
Squalls *see* Storms
Squaloidea *see* Selachii
Squam Lake N.H.
  gen. wks. *area* –742 3
  see also other areas
Squamata *see* Lepidosauria
Squamous
  epithelial tissues *see* Histology
Square
  dances *see* Dancing
  roots *see* Evolution
Squares (mathematics) *see* Involution
Squash (sport)
  activity *see* Racket games
  equipment *see* Recreational equipment
Squash
  bugs
    agricultural pests 632.7+
    culture 638.57+
    see also Heteroptera
Squashes *see* Cucurbita
Squids *see* Octopoda
Squillas *see* Stomatopoda
Squirrels *see* Sciuromorphs
Stabiles
  interior decoration 747
  sculpture 731.55
Stabilized
  soil roads *see* Trafficways
Stabilizers
  aircraft *see* Airfoils
Stables *see* Shelters
Stachyuraceae *see* Hamamelidales

Stackhousiaceae *see* Celastrales
Stacking *see* Harvesting techniques
Stacks
library equip. 022.4
manufacture
economics 338.47+
technology
furniture †684.16
heavy equipment 683.88
Stadiums *see* Recreation buildings
Staff
organization *see* Hierarchy
trees *see* Celastrales
Stafford Co.
Eng. *area* –424 6
Kan. *area* –781 81
Va. *area* –755 26
Staffs *see* Walking canes
Stage
animals *see* Stunt animals
presentations *see* Theater
scenery
paintings 751.75
stage presentations 792.025
Stagnation
mastitis *see* Lactation disorders
Stain
techniques *see* Slide preparation
Stained
glass
arts
arch. decoration 729.8
gen. wks. **748.5**
manufacture
economics 338.47+
technology 666.15
religion
Christian 247.4
gen. wks. 291.37
see also other spec. rel.
Staining
woodwork *see* Trims
Staircases *see* Stairs
Stairs
architecture 721.8
construction
economics 338.47+
Stairs
construction (continued)
technology
carpentry †694.68
gen. wks. 690.1+
see also spec. structures
Stallions *see* Horses
Stalls (enclosures) *see* Shelters
Stammering *see* Speech disorders
Stamp
taxes *see* Taxation
Stamping
metals
arts 739.14
technology
gen. wks. 671.33
see also spec. metals
Stamps
metallic *see* Seals (stamps)
postage *see* Postage stamps
Standard
of living *see* Cost of living
Standard-gage
railroads *see* Railroads
Standardization
gen. wks. **389.6**
see also spec. applications
Stanislaus Co. Calif. *area* –794 57
Stanley Co. S.D. *area* –783 55
Stanly Co. N.C. *area* –756 73
Stannic *see* Lead compounds
Stannite
mineralogy 549.32
see also Tin geology
Stannous *see* Lead compounds
Stannum *see* Tin
Stanstead Co. Que. *area* –714 67
Stanton Co.
Kan. *area* –781 71
Neb. *area* –782 535
Stapes *see* Middle ear
Staphyleaceae *see* Sapindales
Staphylinoidea *see* Polyphaga
Star
apples
agriculture
economics 338.17+
technology 634.43
food 641.34+

Star
apples (continued)
processing *see spec. products*
see also Ebenales
routes *see* Postal communication
Starch
pastes *see* Glues
synthesis *see* Photosynthesis
Starches *see* Polysaccharides
Starching
textiles *see* Laundering
Starfish *see* Asteroidea
Stark Co.
Ill. *area* –773 51
N.D. *area* –784 844
O. *area* –771 62
Starke Co. Ind. *area* –772 92
Starlings
agricultural pests 632.6+
see also Sturnidae
Starr Co. Tex. *area* –764 485
Stars (astronomy)
descriptive **523.8**
theoretical 521
Stars (insignias) *see* Insignias
State (The)
pol. sci. **320.1**
see also hist. of spec. countries
State
colleges & universities
gen. wks. 378.053
govt. control
gen. wks. †350.85
see also spec. levels of govt.
see also ***s.s.*–071 1**
departments *see* Executive departments
farms *see* Collectivist farms
governments *see* Central governments
libraries *see* Government libraries
parks *see* Recreational land
planning *see* Planning
socialism *see* Socialistic states
songs *see* National songs
State (continued)
universities *see* State colleges & universities
visits *see* Official ceremonies
Statelessness *see* Nationality
Staten Island N.Y. *area* –747 26
States of the Church *see* Papal States
Statical
determinacy *see* Structural analysis
Statics
astronomy *see* Celestial dynamics
chemistry *see* Chemical equilibrium
electricity *see* Electrostatics
mechanics
gen. wks. **531.2**
see also spec. branches
meteorology 551.515 2
see also spec. applications
Station
wagons *see* Motor vehicles
Stationery *see* Paper products
Statistical
mathematics *see* Statistics
mechanics
chemistry *see* Quantum chemistry
physics
gen. wks. 530.132
see also spec. applications
method
gen. wks. 001.424
techniques 311
see also *s.s.*–018 2
Statistics
gen. wks. **312–319**
mathematics
gen. wks. **519.6–.9**
see also ***s.s.*–015+**
see also *s.s.*–021 2
Statuary *see* Sculpture
Statues *see* Sculpture
Status *see* Social classes

Statutes
internal law
Anglo-American
British **346**
U.S. **345**
other **349**
Staunton Va. *area* –755 91
Staurolite
mineralogy 549.62
see also Semiprecious stones
Staves *see* Sawmill products
Stavropol RSFSR *area* –479
Stealing
crime *see* Offenses
psychopathic *see* Personality-disorders
Steam
automobiles *see* Motor vehicles
baths
hygiene
gen. wks. 613.41
see also Slenderizing salons
therapy *see* Hydrotherapy
boiler
insurance *see* Industrial insurance
cookery *see* Special-equipment cookery
engineering
gen. wks. **621.1**
see also spec. applications
engines *see* Engines
fitting *see* Pipe fitting
heating
gen. wks. **697.5**
see also spec. applications
locomotives *see* Locomotives
rollers *see* Rollers
tractors *see* Tractors
turbines *see* Turbines
Steamboats *see* Merchant ships
Steam-electric
engines *see* Engines
Steaming *see* Cooking processes
Steam-mechanical
engines *see* Engines
Steamships *see* Merchant ships
Stearns Co. Minn. *area* –776 47
Steatornithes *see* Caprimulgiformes
Steel
construction
economics **338.47+**
technology
buildings **693.7+**
see also other spec. structures
see also Iron alloys
Steele Co.
Minn. *area* –776 19
N.D. *area* –784 33
Steeplechases *see* Equestrian sports
Steeples
churches *see* Church buildings
structures *see* Towers
Steering
gear
engineering
economics 338.47+
technology
gen. wks. 621.81
motor vehicles *see* Chassis
see also spec. branches
see also spec. applications
Steers *see* Cattle
Stellar
astronomy *see* Stars (astronomy)
Stemonitaceae *see* Myxomycophyta
Stencil
crafts
gen. wks. 745.73
interior decoration
arts 747.3
home economics 645.2
textiles 746.6
industries *see* Surface finishing
Stenocardia *see* Cardiac disorders

Stenographers *see* Office personnel
Stenographic
machines
manufacture
economics 338.47+
technology 681.61
marketing 658.809+
office equipment 651.264
see also spec. applications
Stenomeridaceae *see* Dioscoreales
Stephanite
mineralogy 549.35
see also Silver geology
Stephens Co.
Ga. *area* –758 13
Okla. *area* –766 53
Tex. *area* –764 546
Stephenson Co. Ill. *area* –773 33
Stepney London *area* –421 5
Steppes *see* Plains
Sterculiaceae *see* Tiliales
Stereochemistry
gen. wks. †541.223
organic †547.1+
Stereopticons *see* Photographic projection
Stereoscopic
photography
gen. wks. 778.4
see also spec. applications
Stercotropism *see* Reflex actions
Stereotype
printing *see* Relief processes
Sterility
animals
vet. sci. 636.089+
zoology 591.2
man
female 618.178
male 616.692
see also Genetics
Sterilization
disease control *see* Disinfection
population control *see* Birth control
Sterling Co. Tex. *area* –764 871
Sternum *see* Bones
Sternutatories *see* Respiratory drugs
Steroids
chemistry **547.73**
pharmacology
gen. wks. 615.3+
veterinary 636.089+
see also spec. applications
Sterols *see* Steroids
Steuben Co.
Ind. *area* –772 78
N.Y. *area* –747 83
Stevens Co.
Kan. *area* –781 725
Minn. *area* –776 42
Wash. *area* –797 23
Stewart
Co.
Ga. *area* –758 92
Tenn. *area* –768 35
Isl. N.Z. *area* –931 575
Stewing *see* Cooking processes
Stews *see* Entrees
Stibium *see* Antimony
Stibnite
mineralogy 549.32
see also Antimony geology
Stick
insects *see* Walking sticks (insects)
Sticklebacks
culture 639.37+
fishing
industries 639.27+
sports 799.17+
see also Mesichthyes
Sties (disease) *see* Ocular disorders
Sties (pens) *see* Shelters
Stiffening
agents *see* Jellying agents
Stigmata
Christian religion
personal 248.29
see also Miracles
folklore
hist. & criticism 398.3–.4
legends 398.2
Stigonemataceae *see* Cyanophyta

Still
life
gen. wks. 704.943 5
see also spec. art forms
wines *see* Wines
Stillbirths
obstetrics *see* Abortion, Miscarriage
statistics *see* Demography
Stillwater Co. Mont. *area* –786 65
Stilts (birds) *see* Charadriiformes
Stilts (footwear) *see* Footwear
Stimulants
pharmacodynamics
med. sci. **615.7**
vet. sci.
gen. wks. **636.089+**
see also spec. animals
see also Pharmacology
Stimuli
response *see* Motor functions
Stinkhorn
fungi *see* Lycoperdales
Stipple
engraving *see* Metal engraving
engravings *see* Prints
Stirling Scotland *area* –413 6
Stock (animals)
farms *see* Stock (animals) ranches
ranches
gen. wks. †636.01
see also spec. animals
Stock (commodities)
inventory *see* Inventory
Stock (plant) *see* Cruciales
Stock (security)
companies *see* Unincorporated companies
exchange
buildings *see* Commercial buildings
exchanges *see* Investment institutions
Stockbreeding
gen. wks. **636.082**
see also spec. animals
Stockholm Sweden *area* –487
Stockings *see* Garments
Stocks *see* Securities
Stocktickers *see* Telecommunication
Stoddard Co. Mo. *area* –778 95
Stoichiometry
gen. wks. †541.26
organic chem. †547.1+
technical chem. 660.7
Stoke Newington London *area* –421 4
Stokes Co. N.C. *area* –756 64
Stoke's
theorem *see* Multiple integrals
Stoles *see* Garments
Stomach
anatomy
animals
vet. sci. 636.089+
zoology 591.43
see also spec. animals
man 611.33
diseases *see* Gastric disorders
physiology
animals
vet. sci. 636.089+
zoology 591.13
see also spec. animals
man 612.32
Stomatopoda
culture 639.5
paleozoology 565.38
zoology 595.382
Stomiatoidea *see* Isospondyli
Stone
Co.
Ark. *area* –767 28
Miss. *area* –762 16
Mo. *area* –778 794
Mts. Tenn.-N.C.
gen. wks. *area* –768 99
see also other areas
Stone
Age
gen. wks. †913.031 2–.031 4
see also spec. subj.
carving 736.5
polygons *see* Frost

Stone
Age (continued)
sculpture
representations **731.5–.8**
technique 731.463
Stonecutting
arts *see* Stone sculpture
masonry *see* Masonry (construction)
Stoneflies
culture 638.57+
see also Plecoptera
Stonewall Co. Tex. *area* –764 737
Stoneware
arts **738.3**
clays *see* Clays
industries
economics **338.47+**
technology **666.6**
Stop
watches *see* Timepieces
Stoping *see* Underground mining
Storage
batteries *see* Batteries
buildings
architecture 725.35–.36
construction
economics 338.47+
technology 690.5+
housekeeping 647.96+
interior decoration 747.8+
cells *see* Batteries
centers
library sci. 021.1
see also spec. functions
elevators *see* Storage buildings
methods
households 648.8
industrial plants 658.785
see also Transportation services
Storax *see* Styracales
Store
salesmanship *see* Salesmanship
ships *see* Government vessels
Storehouses
gen. wks. *see* Storage buildings
Storehouses (continued)
military *see* Military buildings
Stores *see* Commercial buildings
Storey Co. Nev. *area* –793 56
Storing
crops *see* Terminal operations
Storks
conservation 639.97+
culture 636.6
hunting
industries 639.12+
sports 799.248+
see also Ciconiiformes
Stormont Co. Ont. *area* –713 76
Storms
climatology †551.64+
history
gen. wks. 904.5
see also spec. places
meteorology 551.552–.559
see also Disasters
Story Co. Ia. *area* –777 546
Storytelling
library services 027.625 1
rhetoric 808.543
schools †372.64
Stout *see* Beers
Stoves
cooking *see* Household equipment
heating *see* Radiative heating
Strabismus *see* Ocular neuromuscular disorders
Strafford Co. N.H. *area* –742 5
Straightening-jigs *see* Pressing-machinery
Strains (biological) *see* Genetics
Strains (mechanical)
engineering
materials **620.112**
structures 624.176
see also spec. kinds
injuries *see* Injuries
mechanics
solids **531.382**
see also spec. branches

Strategic
missile
launchers *see* Artillery (pieces)
launching forces *see* Artillery forces
missiles *see* Guided missiles
Strategy
mil. sci.
gen. wks. **355.43**
see also spec. mil. branches
see also hist. of spec. wars
Stratifications
geology
economic 553.14
gen. wks. 551.81
see also spec. ores
see also Social classes
Stratified
beds *see* Stratifications
Stratigraphic
earth sciences *see* Stratigraphy
Stratigraphy
geology **551.7**
paleontology **560.17**
Stratopause *see* Upper atmosphere
Stratosphere *see* Upper atmosphere
Stratums *see* Stratifications
Straw
fibers *see* Basketry fibers
Strawberries
agriculture
economics 338.17+
technology 634.75
food 641.34+
marketing 658.809+
processing *see spec. products*
see also Rosales
Stream
fishing *see* Fresh-water fishing
Streams *see* Water bodies
Street
cleaning
engineering
economics **338.47+**
technology **628.46**
Street
cleaning (continued)
pub. health 614.76
fighting *see* Battle tactics
lighting *see* Illumination
organs *see* Mechanical musical instruments
pianos *see* Mechanical musical instruments
railways *see* Electric railways
songs *see* Folk songs
Streetcar
advertising *see* Transportation advertising
Streetcars *see* Electric railways
Streets *see* Trafficways
Strelitziaceae *see* Zingiberales
Strength
tests
crystallography 548.842
engineering
materials **620.112**
structures **624.171**
see also spec. kinds
physics **531.38**
Strepsiptera
paleozoology 565.74
zoology 595.746
Streptomycin *see* Antibiotics
Streptothricin *see* Antibiotics
Stresses (mechanical)
crystallography 548.842
engineering
materials 620.112 4
structures 624.176
see also spec. kinds
mechanics
solids 531.382 2
see also spec. branches
Stretching *see* Elasticity
Striated
muscle tissues *see* Histology
muscles *see* Muscles
Striatum *see* Brain
Strigiformes
paleozoology 568.9
zoology 598.97

Strike
insurance *see* Business insurance
Strikebreaking
labor *see* Union-management disputes
sociology *see* Group behavior
Strikes (geology)
gen. wks. 551.85
see also spec. ores
Strikes (work stoppage)
labor *see* Union-management disputes
sociology *see* Group behavior
String
bands *see* Orchestras
basses *see* Contrabasses
beans *see* Garden beans
instruments
manufacture
economics **338.47+**
technology **681.81+**
music **787**
Strings *sec* Cordage
Strip
cropping
cultivation methods 631.58
erosion control 631.456
mining
gen. wks. 622.31
see also spec. ores
Strippers *see* Harvesting equipment
Stromatoporoidea
gen. wks. 563.78
see also *s.s.*–015+
Strongboxes
manufacture *see* Locksmithing
Strontianite
mineralogy 549.785
see also Strontium geology
Strontium
compounds
chemistry **546.394**
manufacture 661.039+
Strontium
compounds (continued)
pharmacology
gen. wks. 615.2+
veterinary 636.089+
fabrication *see* Strontium industries
geology
gen. wks. 553.63
mineralogy *see spec. minerals*
industries
extractive
metallurgy 669.725
mining 622.36+
manufacturing
economics 338.47+
technology 673.725
mineralogy *see* Strontium geology
mining *see* Strontium industries
products *sec spec. subj.*
properties
chemistry **546.394**
engineering 620.189 6
metallography 669.957+
see also Radiochemistry
Structural
analysis
engineering
gen. wks. **624.171**
see also spec. branches
ships *see* Naval architecture
chemistry *see* Theoretical chemistry
clay products
manufacture
economics **338.47+**
technology **666.73**
materials
construction 691.4
engineering **620.14**
see also spec. applications
crystallography
gen. wks. **548.81–.83**
see also spec. applications
design
engineering
gen. wks. **624.177**
see also spec. branches

Structural
design (continued)
see also Structural forms
elements
architecture **721**
area planning 711.6
engineering *see* Structural design
engineering
gen. wks. **624.1**
see also spec. structures
forms
engineering
gen. wks. 620.112 82–.112 83
see also spec. materials
see also spec. applications
geology
gen. wks. **551.8**
see also spec. aspects
psychology *see* Existentialism
steel
engineering 624.182
see also Steel construction
theory
engineering
gen. wks. **624.17**
see also spec. branches
see also spec. applications
woodworking
economics **338.47+**
technology **694**
Struthioniformes
paleozoology 568.5
zoology 598.51
Strychnine *see* Botanical drugs
Stuccowork
economics 338.47+
technology 693.6
Studbooks *see* Pedigrees
Student
councils *see* Student government
exchange programs
gen. wks. 371.391
see also spec. levels of ed.
government
gen. wks. 371.59
see also spec. levels of ed.
Student (continued)
life
gen. wks. **371.8**
see also spec. levels of ed.
songs
music **784.62**
student life **371.89**
Studies (rooms) *see* Rooms
Study
education †371.302 81
gen. wks. **†001.4**
see also ***s.s.–07***
Study rooms *see* Reading rooms
Stuffed
gloves *see* Handwear
Stuffing
animal skins *see* Taxidermy
Stuffings (food) *see* Auxiliary foods
Stunt
animals
culture
gen. wks. †636.088 8
see also spec. animals
see also spec. performances
flying *see* Air sports
Stunts
advertising *see* Entertainment advertising
entertainment *see spec. mediums*
Stupas *see* Sacred places
Sturgeons
culture 639.37+
fishing
industries
economics 338.372+
technology 639.27+
sports 799.17+
food 641.39+
see also Acipenseroidei
Sturnidae
paleozoology 568.8
zoology 598.863
Stutsman Co. N.D. *area* –784 52
Stuttering *see* Speech disorders
Styes (disease) *see* Ocular disorders

Styes (pens) *see* Shelters
Stylasterina *see* Hydrozoa
Style (personal appearance) *see* Costume
Style
manuals
bus. communication 651.740 2
printing 655.258
typewriting **652.32**
shows *see* Display advertising
Stylidiaceae *see* Campanales
Stylommatophora *see* Pulmonata
Styracaceae *see* Styracales
Styracales
botany 583.686
floriculture 635.933+
Styrenes
plastics *see* Polymerization plastics
see also Aromatic compounds
Styria Austria *area* –436 5
Subaqueous
foundations
architecture 721.1
engineering
economics 338.47+
technology
buildings 690.1+
gen. wks. **624.157**
photography *see* Underwater photography
Subatomic
particles
chemistry 541.24
engineering 621.48
physics **539.721**
Subconscious
metaphysics 127
psychology
animals †156.4
gen. wks. **†154.2**
Subcutaneous
injections *see* Parenteral medication
Subgrade
soils *see* Soils
Subholostei *see* Holostei
Subject
bibliographies **016**
cataloging
library services **025.33**
museum services 069.52
catalogs
books **017**
see also *s.s.–†021 6*
classification systems
library services **025.4**
see also Methodology
headings
library services **025.33+**
museum services 069.52
libraries *see* Special libraries
Subjectivism
philosophy 141
see also spec. philosophers
Sublette Co. Wyo. *area* –787 65
Sublimation
physical *see* Physical transformations
psychological *see* Subconscious
Subliminal
perception *see* Perception
Submachine
guns *see* Small arms
Submarginal
land *see* Marginal land
Submarine
cable
telegraphy *see* Telecommunication
cables *see* Cables
chasers *see* Warships
foundations *see* Subaqueous foundations
operations *see* Underwater operations
photography *see* Underwater photography
psychology †155.963
telegraphy *see* Telecommunication
topography *see* Ocean floor
tunnels *see* Tunnels
warfare *see* Sea warfare
Submarines *see* Warships

Submerged
lands
economics 333.918
law †340
oil extraction *see* Petroleum oils industries
Subnormal
children *see* Exceptional children
Subscription
libraries *see* Proprietary libraries
Subsistence
department *see* Food supply
Subsonic
velocity
engineering
aircraft 629.132 303
spacecraft 629.415
physics
air 533.62+
gases 533.273
vibrations *see* Subsonics
Subsonics
engineering
gen. wks. 620.2–.3
see also spec. branches
physics †534.52
Substandard
wage earners
economics 331.5
see also Social classes
Substantive
dyes *see* Dyes
Substitute
money *see* Noncommodity money
Substitutions
algebra *see* Groups
Subsurface
resources
minerals *see* Mineral resources
water *see* Ground waters
structures *see* Utility lines
waters *see* Ground waters
Subterranean
waters *see* Ground waters
Subtraction *see* Arithmetical operations

Suburban
communities
geography *area* –173 3
planning *see* Planning communities
see also spec. areas
governments *see* Local governments
land
economics 333.77
see also Real-estate
living
psychology †155.94+
sociology 301.362
parishes
govt. & admin. 254.2+
see also spec. aspects
Subversive
activities *see* Offenses
groups
pol. status 323.2
sociology *see* Behavior-groups
Subways *see* Rapid transit railways
Success *see* Successful living
Successful
living
pseudopsychology 131.3
psychology †158.1
Succession
law
internal 347.65
international 341.59
Succory *see* Chicory
Succava Romania *area* –498 1
Suckers (fish)
culture 639.37+
fishing
industries 639.27+
sports 799.17+
see also Ostariophysi
Suckers (plant propagation)
agriculture 631.533
botany 581.16+
see also spec. plants
Sucre Venezuela *area* –875
Sucrose *see* Sugars
Suctoria *see* Ciliophora
Sudan *area* –624
Sudan
grass *see* Sorghums

Sudanese *see* Chari-Nile
Sudanic *see* Chari-Nile
Sudbury District Ont. *area* –713 133
Suez Egypt *area* –621 5
Suffocation
prevention *see* Safety measures
treatment *see* Injuries
Suffolk (city) Va. *area* –755 53
Suffolk Co.
Eng. *area* –426 4
Mass. *area* **–744 6**
N.Y. *area* –747 25
Suffrage
laws †340
pol. sci. 324
Sufism *see* Personal religion
Sugar
beets
agriculture
economics 338.17+
technology 633.63
fodder
gen. wks. 636.086
see also spec. animals
food *see* Beet sugar
see also Chenopodialcs
cane
agriculture
economics 338.17+
technology 633.61
food *see* Cane sugar
processing *see spec. products*
see also Panicoideae
maples
agriculture
economics 338.17+
technology 633.64
see also Sapindales
metabolism *see* Metabolism
synthesis *see* Photosynthesis
Sugars
chemistry 547.781
food
cookery 641.6+
gen. wks. 641.336
manufacture
economics 338.47+
technology 664.1

Sugars (continued)
pharmacology
gen. wks. 615.3+
vet. sci.
gen. wks. 636.089+
see also spec. animals
see also spec. products
Suggestion
therapy *see* Mental therapies
Suhl Germany *area* –†432 2
Suicidal
compulsions *see* Personality-disorders
Suicide
crime *see* Offenses
ethics 179.7
soc. customs 394.8
Suiformes
paleozoology 569.73
zoology 599.734
Suitcases *see* Luggage
Suites (music)
gen. wks. 781.5
see also spec. mediums
Suits
armor *see* Armor
clothing *see* Garments
Suiyuan China *area* –†517 7
Sukkoth *see* Holy days
Sulfa
drugs
chemistry 547.065
pharmacology
med. sci. 615.31+
vet. sci.
gen. wks. 636.089+
see also spec. animals
see also spec. diseases
Sulfadiazines *see* Sulfa drugs
Sulfanilamides *see* Sulfa drugs
Sulfapyridines *see* Sulfa drugs
Sulfates
chemistry *see* Sulfur compounds
mineralogy
gen. wks. 549.75
see also Sulfur geology
soil conditioners *see* Soil conditioners
Sulfathiazoles *see* Sulfa drugs

Sulfides
chemistry *see* Sulfur compounds
mineralogy
gen. wks. 549.32
see also Sulfur geology
Sulfinic *see* Sulfur compounds
Sulfites *see* Sulfur compounds
Sulfo *see* Sulfur compounds
Sulfonamides *see* Sulfa drugs
Sulfonation
chem. tech.
gen. wks. 660.284 4+
see also spec. products
chemistry 547.27
Sulfones *see* Sulfur compounds
Sulfonic *see* Sulfur compounds
Sulfosalts
mineralogy 549.35
see also Sulfur compounds
Sulfur
compounds
chemistry
inorganic 546.723
organic 547.06
manufacture
gaseous 665.8
inorganic 661.07
organic 661.89
pharmacology
gen. wks.
inorganic 615.2+
organic 615.3
veterinary 636.089+
dioxide *see* Sulfur compounds
fabrication *see* Sulfur industries
geology
gen. wks. 553.668
mineralogy
element 549.27
minerals *see spec. minerals*
industries
manufacturing
economics 338.47+
technology 661.1
mining
economics 338.27+
technology 622.36+
Sulfur (continued)
metabolism *see* Macronutrient elements
mineralogy *see* Sulfur geology
mining *see* Sulfur industries
products *see spec. subj.*
properties
chemistry 546.723
engineering 620.19
see also Radiochemistry
soil conditioners *see* Soil conditioners
Sullivan Co.
Ind. *area* –772 41
Mo. *area* –778 235
N.H. *area* –742 75
N.Y. *area* –747 35
Pa. *area* –748 59
Tenn. *area* –768 96
Sully Co. S.D. *area* –783 284
Sulpicians
history 271.75
see also Religious congregations
Sulu Archipelago *area* –914 9
Sumac *see* Sapindales
Sumatra *area* –921
Sumerian
ethnic groups *area* –174+
language 499.95
lingual groups *area* –175+
see also other spec. subj.
Summers Co. W.Va. *area* –754 76
Summit Co.
Colo. *area* –788 45
O. *area* –771 36
Utah *area* –792 14
Sumner Co.
Kan. *area* –781 87
Tenn. *area* –768 47
Sumo *see* Unarmed combat
Sumptuary
edicts *see* Restricted consumption
taxes *see* Taxation
Sumter Co.
Ala. *area* –761 41
Fla. *area* –759 73
Ga. *area* –758 91
S.C. *area* –757 69

Sun
astronomy *see* Solar astronomy
dews *see* Sarraceniales
motors *see* Solar engines
therapy *see* Phototherapies
Sunbury Co. N.B. *area* –715 43
Sunda Isls. *area* –92
Sundanese *see* Austronesian
Sunday
observance *see* Holy days
school
buildings
architecture 726.4
construction 690.6+
interior decoration 747.8+
religion *see spec. rel.*
libraries *see* Religious organizations
music *see* Evangelistic music
schools *see* Religious training
Sundials *see* Timepieces
Sun-dried
blocks
construction
economics 338.47+
technology 693.22
properties
construction 691.4
engineering 620.14
Sunflower Co. Miss. *area* –762 47
Sunflower
seeds
agriculture
economics 338.17+
technology 633.39
fodder
gen. wks. 636.086
see also spec. animals
processing *see spec. products*
see also Asterales
Sunflowers *see* Asterales
Sungkiang China *area* –†518 4
Sunken
cities
archeology *see* Ancient world
Sunlight
photography *see* Outdoor photography
Sunn
hemp fibers *see* Soft fibers
Sunna *see* Koran
Sunrooms *see* Rooms
Sunspots
astronomy 523.74
geomagnetism 538.746
meteorology 551.5
Sunstroke *see* Injuries
Suomi *see* Finnic
Superconductivity
engineering 621.39
physics 537.623
Superdreadnoughts *see* Warships
Superego *see* Subconscious
Superhighways *see* Trafficways
Superhuman
knowledge *see* Revelation
Superintendents
gen. wks. *see* Personnel
schools *see* School administrators
Superior (lake)
gen. wks. *area* –774 9
Ont. *area* –713 1
see also other areas
Superior
intelligence
psychology
gen. wks. †153.98
pedology †155.45+
see also Exceptional children
Superiority
complex *see* Subconscious
Supermarkets *see* Retail marketing
Supernatural
beings
folklore
hist. & criticism 398.45
legends 398.2
see also Deities
phenomena
folklore
hist. & criticism 398.4
legends 398.2
see also Literature
occultism 133
Supernovae *see* Variable stars

Superphosphates
fertilizers *see* Phosphorus fertilizers
gen. wks. *see* Phosphorus compounds
Supersonic
velocity
engineering
aircraft 629.132 305
spacecraft 629.415
physics
air 533.62+
gases 533.275
vibrations *see* Ultrasonics
Supersonics *see* Ultrasonics
Superstitions
folklore
hist. & criticism 398.37
legends 398.2
medical *see* Historic remedies
occultism 133
Supervisors
gen. wks. *see* Personnel
schools *see* School administrators
Suppers *see* Meals
Supply
administration
business 658.7
government
gen. wks. 350.71
see also spec. levels of govt.
depots
military *see* Military buildings
services
gen. wks. *see* Procurement
mil. sci. *see* Special services
ships *see* Government vessels
Supply-&-demand
goods & services 338.016
labor 331.112
price determination 338.522
Supporting
garments *see* Garments
Suppressed
books *see* Prohibited books
Suprarenal
capsules *see* Adrenal glands
Supreme
Being *see* God
courts *see* Courts
Surah *see* Silk textiles
Suras *see* Koran
Surety
bonds
insurance 368.84
see also Financial institutions
Surf
fishing *see* Salt-water fishing
riding *see* Boating
Surface
chemistry *see* Surface phenomena
finishing
chem. tech.
economics 338.47+
technology 667.9
metals
economics 338.47+
technology
gen. wks. 671.7
see also spec. metals
see also other spec. surfaces
mail *see* Postal communication
phenomena
chemistry
gen. wks. 541.345 3
organic 547.1+
technical 660.29+
mechanics
gases 533.14
liquids 532.6
piloting *see* Navigation
tension *see* Surface phenomena
treatment *see* Surface finishing
waters *see* Water bodies
Surfaced
lumber
manufacture
economics 338.47+
technology 674.42
see also spec. applications
Surfboard
riding *see* Boating

Surgery
gen. medicine 617
med. specialties
cancer *see* Malignant neoplasms
gynecology *see* Gynecology
obstetrics *see* Obstetrics
vet. sci.
gen. wks. 636.089+
see also spec. animals
Surgical
care
insurance *see* Health insurance
gynecology *see* Gynecology
nursing *see* Nursing
services *see* Special services
shock *see* Shock (biological)
Surinam *area* –883
Surnames *see* Personal names
Surpluses
labor *see* Unemployment
production *see* Maladjustments
Surrey Eng. *area* –422 1
Surry Co.
N.C. *area* –756 65
Va. *area* –755 56
Sürt Turkey *area* –566 7
Survey
methods *see* Statistical method
Surveying
engineering
military 623.71–.72
public works
highways 625.72
railroads 625.11
see also other spec. branches
gen. wks. 526.9
Surveys
geography 910.4
science 508.3
soc. conditions 309.1
soils *see* Soil surveys
terrestrial magnetism 538.78
see also *s.s.*–018
Survival
training
gen. wks. 613.69
mil. sci. *see* Training maneuvers
Survivors
insurance 368.43
welfare services 362.62
Survivorship
law *see* Succession law
Susanna
Apocrypha 229.6
liturgy
gen. wks. 264.3–.4
spec. denominations 264.01–.09
Suspended
railways *see* Special-purpose railways
sentences *see* Reformative measures
Suspense
stories *see* Fiction
Suspension
bridges
eng. & construction
economics 338.47+
technology 624.5
see also Bridges
Suspensions
gen. wks. *see* Colloids
products *see spec. products*
Susquehanna
Co. Pa. *area* –748 34
River
East Branch ***area* –748 3**
gen. wks. ***area* –748**
Md. *area* –752 74
West Branch ***area* –748 5**
Sussex Co.
Del. *area* –751 7
Eng. *area* –422 5
N.J. *area* –749 76
Va. *area* –755 565
Sutherland Scotland *area* –411 4
Sutras *see* Ethics
Suttapitaka *see* Tripitaka
Suttees *see* Funeral rites
Sutter Co. Calif. *area* –794 34
Sutton Co. Tex. *area* –764 879

Suwannee
  Co. Fla. *area* –759 82
  River Fla.
    gen. wks. *area* –759 8
    see also other areas
Svalbard *area* –981
Svanetian *see* Caucasian
Svealand Sweden *area* –487
Svendborg Denmark *area* –489 4
Sverdlovsk RSFSR *area* –478 7
Svetambara *see* Jainism
Swabia Germany *area* –433 7
Swahili
  ethnic groups *area* –174+
  language †496.92
  lingual groups *area* –175+
  see also other spec. subj.
Swain Co. N.C. *area* –756 96
Swallows *see* Hirundinidae
Swamp
  plants *see* Hydrophytes
Swamps
  drainage *see* Drainage
  spec. subj. *area* –14
Swans
  culture 636.681
  hunting
    industries 639.12+
    sports 799.248+
  see also Anseriformes
Swansdown
    textiles *see* Felts
Swanskins *see* Felts
Swaziland *area* –683
Swearing *see* Profanity
Sweat
  glands *see* Skin
Sweaters *see* Garments
Sweatshop
  systems *see* Small businesses
Sweden *area* –485
Swedenborgianism *see* Church of the New Jerusalem
Swedish *see* Germanic
Sweeping
  dwellings **648.5**
  streets *see* Street cleaning
Sweet Grass Co. Mont. *area* –786 64
Sweet
  alyssum *see* Cruciales
  clovers
    agriculture
      economics 338.17+
      technology **633.366**
    fodder
      gen. wks. 636.086
      see also spec. animals
    see also Leguminosae
  corn *see* Corn
  gum trees *see* Gum trees
  herbs *see* Herbs
  peas *see* Leguminosae
  potatoes
    agriculture
      economics 338.17+
      technology
        field crops **633.492**
        garden crops **635.22**
    fodder
      gen. wks. 636.086
      see also spec. animals
    food 641.35+
    marketing 658.809+
    processing *see spec. products*
    see also Solanales
  sorghums *see* Sorghums
  spices
    agriculture
      economics †338.17+
      technology †633.83
    food 641.338+
    marketing 658.809+
    processing *see spec. products*
    see also spec. spices
  Williams *see* Caryophyllales
Sweetleaf *see* Styracales
Sweets *see* Candies
Sweetsops *see* Anonaceous fruits
Sweetwater Co. Wyo. *area* –787 85
Swift Co. Minn. *area* –776 41
Swifts *see* Apidiformes
Swimming
  activities
    hygiene 613.7
    sports 797.21

Swimming (continued)
  pools
    architecture 725.74
    construction
      economics 338.47+
      technology 690.5+
    sanitary control 614.796
    school equipment *see* School buildings
    see also Safety measures
Swindlers *see* Offenders
Swindles *see* Defrauding
Swine
  disease carriers *see* Disease carriers
  husbandry **636.4**
  see also Suiformes
Swing
  bridges *see* Movable bridges
  music *see* Jazz
Swisher Co. Tex. *area* –764 838
Swiss
  chard *see* Chard
Switch
  gear *see* Control devices
  towers *see* Transportation buildings
Switchboards *see* Control devices
Switches
  engineering *see* Control devices
Switzerland (country) *area* –494
Switzerland Co. Ind. *area* –772 125
Swivel
  bridges *see* Movable bridges
  work *see* Embroidery
Sword
  dance *see* Dancing
Swordfishes
  culture 639.37+
  fishing
    industry
      economics 338.372+
      technology 639.27+
    sports 799.17+
  food
    cookery 641.6+
    gen. wks. 641.39+
  see also Acanthopterygii
Swords *see* Side arms
Sycamore
  trees
    culture 635.977+
    forestry 634.973+
    see also Hamamelidales
Sycanosa *see* Porifera
Syenite
  construction *see* Syenite industries
  geology
    deposits 553.52
    petrology 552.3
    see also spec. minerals
  industries
    construction
      economics 338.47+
      technology 693.1
    extractive
      economics 338.27+
      technology 622.35+
  mining *see* Syenite industries
  petrology *see* Syenite geology
  properties
    construction 691.2
    engineering 620.132
  quarrying *see* Syenite industries
  see also Plutonic rocks
Syllogism *see* Reasoning
Sylvanite
  mineralogy 549.32
  see also Precious metals
Sylvanium *see* Tellurium
Sylviidae
  paleozoology 568.8
  zoology 598.843
Sylvite
  mineralogy 549.4
  see also Potassium geology
Symbioses *see* Ecology
Symbolic
  objects *see* Symbolism
  reasoning *see* Reasoning
Symbolism
  art
    gen. wks. 704.946
    religious 704.948
    see also spec. art forms

Symbolism (continued)
Bible
gen. wks. 220.64
see also spec. parts
religion
Christian **246**
gen. wks. 291.37
see also other spec. rel.
see also Divination
Symmetallism *see* Monetary standards
Symmetrodonta
gen. wks. 569.18
see also *s.s.*–015+
Symmetry *see* Composition
Sympathetic
nervous system
anatomy *see* Neuroanatomy
diseases *see* Neurological diseases
physiology *see* Neurophysiology
Sympathy
psychology *see* Emotions
virtues *see* Virtues
Sympetalae *see* Metachlamydeae
Symphonic
poems *see* Orchestras
Symphonies *see* Orchestras
Symphyla
culture 639.7
paleozoology 565.6+
zoology 595.63
Symphyseotomies *see* Pubiotomies
Symplocaceae *see* Styracales
Symptomatology
med. sci. 616.072
vet. sci.
gen. wks. 636.089+
see also spec. animals
see also spec. diseases
Synagogues
architecture 726.3
construction 690.6+
interior decoration 747.8+
religion 296.65
Synapsida
gen. wks. 568.17
see also *s.s.*–015+
Synaptera
paleozoology 565.71
zoology 595.71
Synaptosauria
gen. wks. 568.16
see also *s.s.*–015+
Synbranchii *see* Acanthopterygii
Synchrocyclotrons *see* Particle acceleration
Synchronized
swimming *see* Water pageants
Synchronous
generators *see* Alternating-current machinery
Synchroscopes *see* Phasemeters
Synchrotrons *see* Particle acceleration
Synclines
geology
gen. wks. 551.86
see also spec. ores
mining *see spec. ores*
Syncopation *see* Composition
Syncretism
philosophy 148
religion *see spec. rel.*
Syndicalism
economics
production **338**
system 335.82
pol. sci. 320.5
see also spec. areas
Syndicates *see* Unincorporated companies
Synecology *see* Ecology
Synentognathi *see* Mesichthyes
Synesthesia
animals †156.2+
gen. wks. †152.189
Synods *see* Presbyterian system
Synonyms
English language
lexicology **†422–423**
usage **†428**
see also other spec. languages
Syntax *see* Grammar

Synthesis
chem. tech.
gen. wks. **660.284 4**
see also spec. products
chemistry
inorganic 546.15
organic **547.2**
physics
sound waves 534.47
subsonic waves *see* Subsonics
ultrasonic waves *see* Ultrasonics
see also Reasoning
Synthetic
drugs *see* Pharmacology
dyes *see* Dyes
fibers *see* Man-made textiles
fuels
manufacture
economics **338.47+**
technology **662.66**
see also spec. applications
gasoline *see* Synthetic fuels
geometry
gen. wks. **513**
see also *s.s.*–015+
minerals
manufacture
economics **338.47+**
technology **666.8**
see also spec. applications
petroleum *see* Synthetic fuels
rubber *see* Elastomers
Synxiphosura
gen. wks. 565.391
see also *s.s.*–015+
Syphilis *see* Venereal diseases
Syria
ancient
gen. wks. *area* **–394**
see also Palestine
modern *area* –†569 1
Syriac
ethnic groups *area* –174+
language **492.3**
lingual groups *area* –175+
see also other spec. subj.
Syrian Desert *area* –53
Syrups (drugs) *see* Medicinal solutions
Syrups (food) *see* Sugars
Systematic
blowpipe analysis *see* Blowpipe analysis
botany *see* Taxonomy
separations
chemistry
gen. wks. **544.1**
organic **547.34+**
see also other spec. subj.
zoology *see* Taxonomy
Systems
analysis
engineering *see spec. types*
management 658.502
engineering
economics 338.47+
technology
gen. wks. 620.7
see also spec. applications
Szczecin Poland *area* –†438 1
Szechwan China *area* –†513 8
Szondi
tests *see* Projective techniques

T

TSH
drugs *see* Endocrine drugs
physiology *see* Endocrine glands
TV *see* Television
Tabasco Mexico *area* –726
Tabby
construction *see* Sun-dried blocks
Tabernacles (feast of) *see* Holy days
Tabernacles
furniture *see* Sacred furniture
religion *see spec. rel.*
Table
decor
etiquette 395.3
interior decoration 747.76
technology 642.7–.8

Table (continued)
manners
ethics 177.1
etiquette 395.3
salt *see* Food salts
service
customs 394.1
etiquette 395.3
technology 642.6
setting *see* Table service
tennis
activity *see* Racket games
equipment *see* Recreational equipment
Tableaux *see* Entertainments
Tablecloths
table decor 642.7
see also Textiles
Table-d'hôte
service *see* Restaurant meals
Tables *see* Furniture
Tablet
papers *see* Paper products
Table-top
photography *see* Trick photography
Tablets
medicinal *see* Medicinal tablets
paper *see* Paper products
Tableware
ceramic *see* Ceramics
metallic
arts **739**
manufacture 683.8
table decor *see* Table decor
Taboos *see* Social customs
Taccaceae *see* Haemodorales
Tachardia
lacca *see* Lac insects
Tachina
flies
agricultural pests 632.7+
culture 638.57+
see also Cyclorrhapha
Táchira Venezuela *area* –871
Tachometers *see* Timepieces
Tachrichin *see* Funeral rites
Tackles *see* Materials-handling equipment
Tacna Peru *area* –853
Tactical
rockets
manufacture
economics 338.47+
technology 623.454 3
mil. sci.
gen. wks. 355.82
see also spec. mil. branches
Tactics
mil. sci.
gen. wks. **355.4**
see also spec. mil. branches
see also hist. of spec. wars
Tactile
perception *see* Cutaneous perceptions
Tacuarembó Uruguay *area* –895 3
Tadzhiki *see* Iranian
Tadzhikistan USSR *area* –586
Taenifuges *see* Gastroenteric drugs
Taeniodontia
gen. wks. 569.36
see also *s.s.*–015+
Taeniopteris
gen. wks. 561.597
see also *s.s.*–015+
Taffeta *see* Silk textiles
Tagalog *see* Austronesian
Taharah *see* Funeral rites
Tahiti *area* –962 11
Tahoe (lake)
gen. wks. *area* –794 38
Nev. *area* –793 57
Tailoring *see* Garments
Taiwan *area* –512 49
Tajiki *see* Iranian
Tajikistan *see* Tadzhikistan
Take-home
pay *see* Wages
Talbot Co.
Ga. *area* –758 483
Md. *area* –752 32
Talbotype
process *see* Special-process photography
Talc
geology
gen. wks. 553.67
mineralogy 549.67

Talc (continued)
see also Refractory materials
Talca Chile *area* –833
Talent *see* Aptitudes
Talented
children *see* Exceptional children
Tales
folklore *see* Mythology
literature *see spec. lit. forms*
Taliaferro Co. Ga. *area* –758 616
Talismans
folklore
hist. & criticism 398.37
legends 398.2
numismatics 737.2
see also Magic arts
Talking
books *see* Recordings
Talks *see* Speeches
Tall
tales *see* Mythology
Talladega Co. Ala. *area* –761 61
Tallahatchie Co. Miss. *area* –762 455
Tallapoosa Co. Ala. *area* –761 53
Tallows *see* Fats
Talmud
literature 809.935+
religion **296.12**
Tama Co. Ia. *area* –777 56
Tamaricaceae *see* Tamaricales
Tamaricales
botony 583.158
floriculture 635.933+
Tamarind
trees
culture 635.977+
forestry 634.973+
see also Leguminosae
Tamarinds
agriculture
economics 338.17+
technology 634.46
food 641.34+
processing *see spec. products*
see also Leguminosae
Tamarins *see* Monkeys
Tamarisk
trees
culture 635.977+
forestry 634.973+
see also Tamaricales
Tamashek *see* Berber
Tamaulipas Mexico *area* –721
Tambourines *see* Percussion instruments
Tambov RSFSR *area* –473 5
Tamil *see* Dravidian
Tanagers *see* Thraupidae
Tanaidacea
culture 639.5
paleozoology 565.37
zoology 595.374
Tandem
bicycles *see* Cycles (vehicles)
planes *see* Heavier-than-air aircraft
Taney Co. Mo. *area* –778 797
Tanganyika *area* –678 2
Tangelos *see* Oranges
Tangerines *see* Oranges
Tangipahoa Par. La. *area* –763 13
Tango *see* Dancing
Tank
artillery pieces *see* Artillery (pieces)
cars *see* Trains
crops *see* Soilless culture
ships *see* Merchant ships
trucks *see* Motor vehicles
warfare *see* Armored forces
Tankage
fertilizers *see* Abattoir fertilizers
storage *see* Storage methods
Tankers *see* Merchant ships
Tanks (containers)
wooden *see* Cooperage
Tanks (vehicles) *see* Armored vehicles
Tannic
acid *see* Tannins
Tanning
process
fur *see* Fur industries
leather *see* Leather production
Tannins
agricultural crops 633.87
chemistry 547.783
forest crops *see* Barks

Tannins (continued)
manufacture
economics 338.47+
technology 661.86
pharmacology
gen. wks. 615.32
veterinary 636.089+
see also spec. applications
Tantalum
compounds
chemistry 546.526
manufacture 661.05+
fabrication *see* Tantalum industries
geology
gen. wks. †553.465
mineralogy
element 549.23
minerals *see spec. minerals*
industries
extractive
metallurgy 669.735
mining †622.346+
manufacturing
economics 338.47+
technology 673.73+
metallography *see* Tantalum properties
mineralogy *see* Tantalum geology
mining *see* Tantalum industries
products *see spec. subj.*
properties
chemistry 546.526
engineering 620.189 3+
metallography 669.957+
see also Radiochemistry
Taoism
culture groups
geography 910.091+
history 909.09+
subject treatment *area* –176+
philosophy 181.09+
religion 299.514
Taos Co. N.M. *area* –789 53
Tap
dance *see* Dancing
Tapes (acoustic devices) *see* Electroacoustical devices
Tapes (trimmings) *see* Passementerie
Tapestries
crafts 746.3
interior decoration
arts 747.3
home economics 645.2
manufacture
economics 338.47+
technology 677.64
see also spec. applications
Tapeworm
infestations *see* Cestoda infestations
Tapeworms *see* Cestoidea
Tapia *see* Sun-dried blocks
Tapioca *see* Cassava
Tapiridae
paleozoology 569.72
zoology 599.727
Tapirs
conservation 639.97+
culture 636.9+
hunting
industries 639.11+
sports 799.277+
see also Tapiridae
Tapping-machinery
engineering
economics 338.47+
technology
gen. wks. 621.955
see also spec. branches
see also spec. applications
Taproom
buildings
architecture 725.72
construction
economics 338.47+
technology 690.5+
interior decoration 747.8+
Tar
papers *see* Building papers
resins
chemistry *see* Resins
extraction
economics 338.17+
technology †634.975 186
processing *see spec. products*
see also spec. applications
Taranaki N.Z. *area* –931 23

Taranto Italy *area* –457 55
Tarantulas *see* Spiders
Tarapacá Chile *area* –831
Tarascan
ethnic groups *area* –174+
languages 497.7
lingual groups *area* –175+
see also other spec. subj.
Taraxacum
officinale *see* Dandelions
Tardigrada *see* Aschelminthes
Target
ranges
gen. wks. *see* Recreation buildings
military *see* Military buildings
shooting *see* Shooting (activities)
Tariff *see* Customs (taxes)
Tarija Bolivia *area* –842
Tarn France *area* –448 5
Tarn-et-Garonne France *area* –447 5
Taro
agriculture
economics 338.17+
technology 633.68
food 641.336+
processing *see spec. products*
starches *see* Polysaccharides
see also Arales
Tarpons
culture 639.37+
fishing sports 799.17+
see also Isospondyli
Tarragon
agriculture
economics 338.17+
technology
field crops 633.82
garden crops 635.7
food 641.35+
processing *see spec. products*
see also Asterales
Tarragona Spain *area* –467 3
Tarrant Co. Tex. *area* –764 53
Tars *see* Mineral waxes
Tarsiers *see* Lemurs
Tarsiiformes *see* Prosimii
Tarsus *see* Bones
Task
forces *see* Organizational units
Tasmania *area* –946
Taste (esthetics) *see* Esthetics
Taste (sensation) *see* Gustatory perception
Tatar ASSR *area* –478 3
Tatar (subject) *see* Turkic
Tate Co. Miss. *area* –762 85
Tatting *see* Knotted fabrics
Tattnall Co. Ga. *area* –758 775
Tattooing
customs 391.7
practice
economics 338.47+
technology 646.726
Tautomers
chemistry
gen. wks. †541.225 2
organic †547.1+
manufacture
economics 338.47+
technology 661.89
see also spec. products
Tavern
buildings *see* Taproom buildings
Taverns *see* Public accommodations
Tax *see* Taxation
Taxaceae *see* Coniferales
Taxation
administration
gen. wks. †350.724
see also spec. levels of govt.
bus. accounting †658.153
economics †336.2
evasion *see* Offenses
Taxes *see* Taxation
Taxicabs *see* Motor vehicles
Taxidermy
gen. wks. 579.4
see also Furcrafts
Taxodiaceae *see* Coniferales
Taxonomy
animals
paleozoology 562–569
zoology 592–599

Taxonomy (continued)
plants
botany **582–589**
paleobotany **561.2–.9**
see also *s.s.*–012
Taylor Co.
Fla. *area* –759 86
Ga. *area* –758 49
Ia. *area* –777 79
Ky. *area* –769 67
Tex. *area* –764 727
W.Va. *area* –754 55
Wis. *area* –775 26
Taylor's
theorem *see* Series
Tazewell Co.
Ill. *area* –773 54
Va. *area* –755 76
Tea
agriculture
economics 338.17+
technology **633.72**
food
beverage 641.877
cookery 641.6+
gen. wks. 641.337+
marketing 658.809+
processing
economics **338.47+**
technology **663.94**
see also Theales
Teachers
school personnel
gen. wks. **371.1**
see also spec. levels of ed.
training **†370.71–.73**
Teaching
force **371.14**
methods **371.3**
see also spec. levels of ed.
Teaching-machines
education *see* Individualized instruction
Teak
trees
culture 635.977+
forestry 634.973+
see also Verbenaceae
Tear
ducts *see* Lacrimal mechanism
Tearoom
areas *see* Restaurant areas
buildings *see* Restaurant buildings
Tearooms *see* Public accommodations
Teas *see* Meals
Teasel *see* Valerianales
Teats *see* Mammary glands
Technetium
chemistry 546.543
see also Radiochemistry
Technical
assistance
soc. planning *see* Planning
spec. operations *see spec. subj.*
chemistry *see* Chemical technology
drawing
art **744**
mathematics **515**
education *see* Vocational education
forces
gen. wks. **358.1–.3**
see also spec. kinds of warfare
geometry *see* Descriptive geometry
school buildings
architecture **727.4**
construction
economics **338.47+**
technology **690.7+**
interior decoration **747.8+**
services
libraries 025.02
museums **069.4–.5**
writing *see* Rhetoric
Techniques *s.s.*–028
Technological
industries
primary *see* Primary industries
secondary *see* Secondary industries
unemployment *see* Unemployment

Technology
gen. wks. *see* Industrial arts
sociological effects **301.24**
Tecophilaeaceae *see* Liliales
Tectibranchia
culture 639.48+
paleozoology 564.3+
zoology 594.37
Tectonic
geology *see* Structural geology
Tectonophysics *see* Structural geology
Tectosilicates
mineralogy 549.68
see also spec. minerals
Teen
agers *see* Young people
Teeth
anatomy
animals
vet. sci. 636.089+
zoology 591.43
see also spec. animals
man 611.314
diseases *see* Dentistry
physiology
animals
vet. sci. 636.089+
zoology 591.13
see also spec. animals
man 612.311
Tehama Co. Calif. *area* –794 27
Tekirdag Turkey *area* –496 1
Telangiectasis *see* Vascular disorders
Telangitis *see* Vascular disorders
Telautography *see* Telecommunication
Telecommunication
gen. wks. **†001.5**
govt. control
gen. wks. **†350.874**
see also spec. levels of govt.
services **384.1–.7**
sociology †301.16
Telecommunication (continued)
systems
engineering
economics **338.47+**
technology
gen. wks. **621.382–.389**
military **623.732–.737**
see also spec. applications
mil. sci.
gen. wks. 358.24
see also spec. kinds of warfare
see also Language
Telegraph
lines *see* Power lines
Telegraphones
engineering
economics 338.47+
technology 621.386 7
see also Telecommunication
Telegraphy *see* Telecommunication
Telemark Norway *area* –482
Telemeters
engineering
economics 338.47+
technology 621.379
see also spec. applications
Teleodesmacea *see* Pelecypoda
Teleology
metaphysics 124
religion
gen. wks. **210**
see also spec. rel.
Teleoplacophora *see* Crepipoda
Teleostei
paleozoology 567.5
zoology **597.5**
Telepathy *see* Extrasensory perception
Telephone
exchange
buildings *see* Commercial buildings
lines *see* Power lines
salesmanship *see* Salesmanship
Telephonographs
engineering
economics 338.47+

Telephonographs
engineering (continued)
technology 621.386 7
see also Telecommunication
Telephony *see* Telecommunication
Telephotography
gen. wks. 778.322
see also spec. applications
Teleprinting *see* Telecommunication
Telescopes
astronomy **522.2**
manufacture
economics 338.47+
technology 681.412
marketing 658.809+
physics 535.33
see also spec. applications
Telescopic
sights *see* Range finders
Teletype
telegraphy *see* Telecommunication
Teletypesetter
composition *see* Machine typesetting
Teletypewriting *see* Telecommunication
Television
advertising *see* Broadcast advertising
buildings *see* Commercial buildings
cameras
engineering
economics 338.47+
technology 621.388 34
photography *see* Television programs
classes *see* Extension
journalism *see* Journalism
music
gen. wks. **782.87**
see also spec. mediums
plays *see* Drama
programs
ethics 175.1
production
gen. wks. **791.45**
management **658.91+**
Television (continued)
teaching aids *see* Audio-visual materials
see also Telecommunication
Telfair Co. Ga. *area* –758 84
Teller Co. Colo. *area* –788 58
Tellurates *see* Tellurium compounds
Tellurides
chemistry *see* Tellurium compounds
mineralogy
gen. wks. 549.32
see also Tellurium geology
Tellurites *see* Tellurium compounds
Tellurium
compounds
chemistry **546.726**
manufacture 661.07+
see also Organic chemistry
fabrication *see* Tellurium industries
geology
gen. wks. 553.499
mineralogy
element 549.25
minerals *see spec. minerals*
industries
extractive
metallurgy 669.79
mining 622.349+
manufacturing
economics 338.47+
technology 673.79
metallography *see* Tellurium properties
mineralogy *see* Tellurium geology
mining *see* Tellurium industries
products *see spec. subj.*
properties
chemistry **546.726**
engineering 620.189 9
metallography 669.957+
see also Radiochemistry
Telophase
stage *see* Cytology
Telosporidia *see* Sporazoa

Telpherage *see* Materials-handling equipment
Telugu *see* Dravidian
Temiscouata Co. Que. *area* –714 76
Tempera
painting *see* Painting arts
paintings *see* Paintings
Temperament *see* Personality
Temperance
ethics **178**
religion
Christian 241.4
see also other spec. rel.
Temperate
Zones
astronomy 525.5
climatology 551.62
geography 910.091+
history 909.09+
subj. treatment *area* –12
see also spec. areas
Temperature
effects
biophysics *see* Biophysics
hygiene
gen. wks. **613.1**
vet. sci.
gen. wks. **636.089+**
see also spec. animals
materials
engineering
gen. wks. 620.112 1
see also spec. kinds
physics **536.4**
perception *see* Cutaneous perceptions
Temperatures
biophysics *see* Biophysics
engineering *see* Temperature effects
meteorology **551.523–.525**
oceanography 551.460 1
physics **536.5**
Tempering
metals *see* Heat treatment
Temple
buildings
architecture **726.1**
construction **690.6+**
interior decoration **747.8+**
religion *see* Sacred places
Tempo (rhythm) *see* Composition
Temporary
bridges *see* Bridges
punishment
gen. wks. *see* Punishments
religion *see* Purgatory
Ten Thousand Islands Fla.
gen. wks. *area* –759 44
see also other areas
Ten
Commandments
O.T. *see* Pentateuch
religion
Christian 241.52
see also other spec. rel.
Tenancy *see* Rent
Tenants'
liability
insurance *see* Liability insurance
Tenebrae *see* Penitential music
Tenebrionoidea *see* Polyphaga
Tenedos
ancient *area* –391 1
modern *area* –499
Tenements *see* Residential buildings
Tenerife Canary Isls. *area* –649
Tenkiller Ferry Res. Okla.
gen. wks. *area* –766 88
see also other areas
Tennessee (state) *area* **–768**
Tennessee River & Valley
Ala. *area* **–761 9**
gen. wks. *area* **–768**
Tennis
activity *see* Racket games
equipment *see* Recreational equipment
Tenpins *see* Indoor ball games
Tenrecs *see* Insectivores
Tensas Par. La. *area* –763 79
Tensile
stresses *see* Stresses (mechanical)
Tension
diseases *see* Psychosomatic medicine

Tensors
  algebra 512.896
  analysis 516.83
  see also *s.s.*–015+
Tent
  meeting
    music *see* Evangelistic music
  meetings *see* Spiritual renewal
Tentaculata *see* Ctenophorae
Tents *see* Camp equipment
Teramo Italy *area* –457 15
Teratology
  animals
    vet. sci. **636.089+**
    zoology 591.2
  gen. wks. 574.2
  man
    anatomy 611.012
    psych. effects †155.916
    surgery **617.3**
  plants
    agriculture 632
    botany 581.22
Terbium *see* Rare-earths
Terce *see* Divine Office
Teredos *see* Pelecypoda
Teresians *see* Carmelites
Terminal
  ballistics *see* Ballistics
  buildings *see* Transportation buildings
  operations
    crops
      gen. wks. 631.56
      see also spec. crops
    see also other spec. products
Termite-resistant
  construction *see* Resistant construction
Termites
  agricultural pests 632.7+
  culture 638.57+
  see also Isoptera
Terni Italy *area* –456 52
Terns
  culture 636.6
  hunting
Terns
  hunting (continued)
    industries 639.12+
    sports 799.248+
  see also Charadriiformes
Terpenes
  chemistry 547.71
  manufacture
    economics 338.47+
    technology 661.81
  pharmacology
    gen. wks. 615.3+
    veterinary 636.089+
  see also spec. products
Terra cotta
  clay *see* Clays
Terra cottas
  arts 738.6
  construction
    economics 338.47+
    technology 693.3
  manufacture
    economics 338.47+
    technology 666.73
  materials
    construction 691.4
    engineering 620.142
  see also spec. applications
Terraces *see* Terracing
Terracing
  agriculture
    cultivation methods **631.58**
    erosion control 631.455
  landscaping 717
Terramycin *see* Antibiotics
Terrapins *see* Turtles
Terrebonne
  Co. Que. *area* –714 24
  Par. La. *area* –763 41
Terrell Co.
  Ga. *area* –758 935
  Tex. *area* –764 922
Terrestrial
  astronomy
    descriptive **525**
    theoretical 521.5
  magnetism *see* Geomagnetism
  photographic surveying *see* Photogrammetry
  radiation *see* Heat transfer
  winds *see* Winds

Terriers
  culture 636.755
  use
    hunting †799.234
    see also other spec. purposes
  see also Canidae
Terry Co. Tex. *area* –764 85
Terry
  cloth *see* Fancy-weave fabrics
Tertiary
  period *see* Cenozoic era
Teruel Spain *area* –465 51
Testacea *see* Sarcodina
Testaments
  law *see* Succession law
  scriptures *see spec. sacred books*
Testicles *see* Reproductive organs
Testimonial
  advertisements *see* Serial advertising
Testimony
  law *see* Judicial system
  religion *see* Ten Commandments
Testing
  grounds
    mil. sci.
      gen. wks. 355.74
      see also spec. mil. branches
    see also spec. kinds
Testosterone *see* Endocrine drugs
Tests *see spec. kinds*
Tetanus
  antitoxins *see* Serums
  disease *see* Bacillary intoxications
  toxoids *see* Serums
Teton Co.
  Ida. *area* –796 54
  Mont. *area* –786 55
  Wyo. *area* –787 55
Tetrabranchia *see* Cephalopoda
Tetrafluoroethylene
  gen. wks. *see* Aliphatic compounds
Tetrafluorothylene (continued)
  textiles *see* Polymerization textiles
Tetrahedrite
  mineralogy 549.35
  see also Silver geology, Copper geology
Tetrapodili *see* Acari
Tetrodes *see* Electronic tubes
Teutonic *see* Germanic
Texas (state) *area* **–764**
Texas Co.
  Mo. *area* –778 84
  Okla. *area* –766 135
Texoma (lake)
  gen. wks. *area* –766 61
  see also other areas
Textbooks
  teaching method
    gen. wks. 371.32
    see also Elementary schools
  see also spec. subj.
Textile
  crafts **746**
  fibers
    agriculture
      economics **338.17+**
      technology **633.5**
    processing *see spec. products*
  manufacture *see* Textiles
  mills
    buildings *see* Industrial buildings
    operations *see* Textiles
Textiles
  home economics 640
  manufacture
    economics **338.47+**
    technology **677**
  marketing **658.809+**
  see also spec. applications
Thai
  ethnic groups *area* **–174+**
  languages **495.91**
  lingual groups *area* **–175+**
  see also other spec. subj.
Thailand *area* –593
Thalamus *see* Brain
Thaliacea *see* Tunicata

Thallium
alloys
manufacture
economics 338.47+
technology 673.79
metallurgy 669.79
properties
chemistry **546.678**
engineering 620.189 9
metallography 669.957+
compounds
chemistry **546.678**
manufacture 661.06+
see also Organic chemistry
fabrication *see* Thallium industries
geology
gen. wks. 553.499
mineralogy *see spec. minerals*
industries
extractive
metallurgy 669.79
mining 622.349+
manufacturing
economics 338.47+
technology 673.79
metallography *see* Thallium properties
mineralogy *see* Thallium geology
mining *see* Thallium industries
products *see spec. subj.*
properties
chemistry **546.678**
engineering 620.189 9
metallography 669.957+
see also Radiochemistry
Thallophyta
botany **589**
floriculture **635.939**
paleobotany **561.9**
Thallophytes *see* Thallophyta
Thames River Eng.
gen. wks. *area* –422
see also other areas
Thanksgiving
Day *see* Holidays

Thar Desert India
gen. wks. *area* –544
see also other areas
Thasos Greece
ancient *area* –391 1
modern *area* –499
Thaumaturgists *see* Sorcerers
Thayer Co. Neb. *area* –782 335
Thea
Linn *see* Tea
sinensis *see* Tea
Theaceae *see* Thealcs
Theales
botany 583.16
floriculture 635.933+
Theater
buildings *see* Recreation buildings
districts *see* Recreational land
music
gen. wks. **782.8**
see also spec. mediums
performances
gen. wks. **792**
management 658.91+
plays *see* Drama
see also Recreational activities
Theatrical
make-up *see* Make-up
scenery *see* Stage scenery
Thecodontia *see* Archosauria
Theelin *see* Endocrine drugs
Theft
crime *see* Offenses
insurance *see* Burglary insurance
psychopathic *see* Personality-disorders
Thefts
safety measures
museums 069.54
see also other spec. institutions
Theism
philosophy **110**
religion
Christian **231**
gen. wks. 291.211
natural theology 211.3
see also other spec. rel.

Thematic
apperception tests *see* Projective techniques
Thenardite
mineralogy 549.752
see also Mineralized waters
Theobroma
cacao *see* Cacao
Theocracy
pol. sci. 321.5
religion
Christian 261.73
gen. wks. 291.17+
see also other spec. rel.
see also spec. areas
Theodicy
Christian rel. 231.8
gen. wks. **214**
see also other spec. rel.
Theodolites
astronomy 522.3
manufacture
economics 338.47+
technology 681.2
marketing 658.809+
surveying
gen. wks. **526.9**
see also spec. applications
Theophanies *see* Revelation
Theophrastaceae *see* Myrsinales
Theoretical
astronomy *see* Celestial mechanics
chemistry
gen. wks. **541.2**
organic **547.1+**
Theory
of errors *see* Errors
of forms *see* Quantics
of groups *see* Groups
of numbers *see* Numbers (symbols)
of primes *see* Numbers (symbols)
of structures *see* Structural theory
Theosophy *see* Pantheism

Therapeutic
abortion
animals
gen. wks. 636.089+
see also spec. animals
man 618.88
counseling *see* Mental hygiene
Therapeutics
med. sci. **615.5**
vet. sci.
gen. wks. **636.089+**
see also spec. animals
see also spec. diseases
Therapsida *see* Synapsida
Theravada *see* Buddhism
Theremins *see* Electronic musical instruments
Theria
paleozoology **569.1**
zoology 599.1
Thermal
analysis *see* Instrumental analysis
cracking
chemistry
gen. wks. 542.4
see also spec. branches
technology
petroleum 665.533
see also other spec. products
see also Pyrolysis
engineering *see* Thermology
engines *see* External-combustion engines
perception *see* Cutaneous perceptions
properties
crystals †548.86
materials
construction **691**
engineering
gen. wks. 620.112 9
see also spec. branches
matter **536**
see also Physical chemistry

Thermionic
emission
engineering *see* Electronic tubes
physics 537.533
tubes *see* Electronic tubes
Thermionics *see* Thermionic emission
Thermochemical
rockets *see* Rocket engines
Thermochemistry
gen. wks. 541.36
organic 547.1+
technical 660.29+
Thermocouples
manufacture
economics 338.47+
technology 681.2
see also Pyrometry
Thermodynamics
chemistry
gen. wks. 541.369
organic 547.1+
technical 660.29+
engineering
gen. wks. †621.402 1
see also spec. applications
meteorology 551.522
physics 536.7
Thermoelectricity
engineering
economics 338.47+
technology 621.392
physics 537.65
see also spec. applications
Thermogravimetric
analysis
gen. wks. 545.4
organic chemistry 547.35+
Thermology
engineering
gen. wks. 621.402
see also spec. applications
physics 536
terrestrial
gen. wks. 525.2
meteorology 551.52
see also Thermochemistry
Thermometers
manufacture
economics 338.47+
Thermometers
manufacture (continued)
technology 681.2
marketing 658.809+
see also spec. applications
Thermometry
meteorology 551.523–.525
physics 536.51–.53
see also Thermodynamics
Thermonastic
movements *see* Motor functions
Thermonuclear
engines *see* Thermonuclear reactors
fusion
engineering 621.484
physics 539.764
see also spec. applications
reactors
engineering
economics 338.47+
technology
gen. wks. 621.484
see also spec. branches
see also spec. applications
Thermopenetration
therapy *see* Thermotherapies
Thermoplastic
plastics *see* Polymerization plastics
Thermosbaenacea
culture 639.5
paleozoology 565.37
zoology 595.373
Thermosetting
plastics *see* Polymerization plastics
Thermotherapies
animals
gen. wks. 636.089+
see also spec. animals
man 615.832
see also spec. diseases
Thermotropism *see* Reflex actions
Thesis
requirements *see* Academic degrees
Thesprotia Greece *area* –495 3

Thessalonians (N.T.) *see* Pauline epistles
Thessaly Greece
ancient *area* –382
modern *area* –495 4
Theta
functions *see* Elliptic functions
Thiamine *see* Vitamins
Thiazoles *see* Heterocyclic compounds
Thieves *see* Offenders
Thigmotropism *see* Reflex actions
Thin
films *see* Surface phenomena
Thinking *see* Thought processes
Thio *see* Sulfur compounds
Thiobacteriales
botany 589.96
culture 635.939+
Thiophenes *see* Heterocyclic compounds
Thirst
perception *see* Proprioceptive perceptions
Thirty Years' War
gen. wks. 940.24
see also spec. countries
Thismiaceae *see* Burmanniales
Thisted Denmark *area* –489 5
Thistles
agricultural pests 632.58
see also Asterales
Thomas Co.
Ga. *area* –758 98
Kan. *area* –781 13
Neb. *area* –782 774
Thompson River B.C.
gen. wks. *area* –711 41
see also other areas
Thomsonian
medicine *see* Eclectic medicine
Thoracic
bones *see* Bones
nerves
anatomy *see* Neuroanatomy
Thoracic
nerves (continued)
diseases *see* Neurological diseases
physiology *see* Neurophysiology
pleura
anatomy *see* Respiratory organs
diseases *see* Respiratory diseases
physiology *see* Respiration
Thoracica *see* Cirripedia
Thoracostei *see* Mesichthyes
Thorium *see* Rare-earths
Thorough
bass *see* Composition
Thoroughfares *see* Trafficways
Thought
processes
philosophy 128.2
psychology
animals †156.3+
gen. wks. 153.42
transference *see* Extrasensory perception
Thousand Isls. St. Lawrence River
gen. wks. *area* –747 58
Ont. *area* –713 7
Thrace
ancient *area* –398
modern *area* –495 7
Thraco-Phrygian
ethnic groups *area* –174+
language 491.99
lingual groups *area* –175+
see also other spec. subj.
Thrashers *see* Mimidae
Thraupidae
paleozoology 568.8
zoology 598.882
Threads *see* Textiles
Three-wheel
cars *see* Motor vehicles
Threshers
agriculture
gen. wks. 631.36
see also Terminal operations

Threshers (continued)
manufacture
economics 338.47+
technology 681.7
Threshing
crops *see* Terminal operations
Threshold
studies *see* Quantitative psychology
Thrips
agricultural pests 632.7+
culture 638.57+
see also Thysanoptera
Throckmorton Co. Tex. *area* –764 735
Thrombin *see* Blood products
Thrombocytes *see* Histology
Thrombophlebitis *see* Vascular disorders
Thromboses *see* Vascular disorders
Thrones (angels) *see* Angelology
Throwing *see* Track athletics
Thrushes *see* Turdidae
Thulium *see* Rare-earths
Thunder Bay District Ont. *area* –713 12
Thunderstorms *see* Storms
Thurgau Switzerland *area* –494 5
Thuribles *see* Emblems
Thuringia Germany *area* –†432 2
Thurniaceae *see* Juncales
Thurston Co.
Neb. *area* –782 227
Wash. *area* –797 79
Thyme
agriculture
economics 338.17+
technology
field crops 633.82
garden crops 635.7
food 641.35+
marketing 658.809+
processing *see spec. products*
see also Labiatae
Thymelaeaceae *see* Thymelaeales
Thymelaeales
botany 583.933
floriculture 635.933+
Thymus
gland
anatomy
animals
vet. sci. 636.089+
zoology 591.44
see also spec. animals
man 611.43
diseases *see* Endocrine disorders
physiology *see* Endocrine glands
Thyratrons *see* Electronic tubes
Thyroid
drugs *see* Endocrine drugs
gland
anatomy
animals
vet. sci. 636.089+
zoology 591.44
see also spec. animals
man 611.44
diseases *see* Endocrine disorders
physiology *see* Endocrine glands
secretion *see* Thyroid gland
Thyroid-stimulating
hormones
drugs *see* Endocrine drugs
physiology *see* Endocrine glands
Thyroxin
drugs *see* Endocrine drugs
secretion *see* Thyroid gland
Thysanoptera
paleozoology 565.73
zoology 595.731
Thysanura *see* Synaptera
Tiaras *see* Jewelry
Tibet *area* –515
Tibetan *see* Tibeto-Burman
Tibeto-Burman
ethnic groups *area* –174+
languages **495.4**
lingual groups *area* –175+
see also other spec. subj.
Tibia *see* Bones

Ticino Switzerland *area* –494 7
Tick
fever
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.924 2**
pediatrics **618.92+**
pub. health 614.5
Ticks
agricultural pests 632.6+
culture 639.7
disease carriers *see* Disease carriers
see also Acari
Tidal
currents *see* Marine waters
waves
gen. wks. *see* Marine waters
history
gen. wks. 904.5
see also spec. places
see also Disasters
Tide
tables
astronomy 525.69
navigation 623.894 9
Tidelands *see* Submerged lands
Tides
astronomy **525.6**
oceans *see* Marine waters
Tie
pads *see* Rail fastenings
plates *see* Tracks (railroads)
Tie-dye
techniques *see* Resist-dyeing
Tien Shan
gen. wks. *area* –516
see also other areas
Tierra del Fuego
Chile *area* –836
gen. wks. *area* –827
Ties (dress) *see* Dress accessories
Ties (railroad) *see* Tracks (railroads)
Tift Co. Ga. *area* –758 88
Tiger
beetles
agricultural pests 632.7+
culture 638.57+
see also Adephaga
Tigers *see* Cats
Tigris Valley *see* Mesopotamia (Middle East)
Tile
construction *see* Tiles
drains *see* Tiles
laying *see* Floor covering
piping *see* Tiles
Tiles
arts 738.6
construction
economics 338.47+
technology 693.3
manufacture
economics 338.47+
technology 666.732–.733
materials
construction 691.4
engineering 620.142
Tiliaceae *see* Tiliales
Tiliales
botany 583.19
floriculture 635.933+
Till
geology †551.314
see also component elements
Tillage
gen. wks. 631.51
see also spec. crops
Tillamook Co. Ore. *area* –795 44
Tillman Co. Okla. *area* –766 46
Tillodontia
gen. wks. 569.35
see also *s.s.*–015+
Tilopteridales *see* Phaeophyta
Timber *see* Woods (substance)
Timbre
music 781.22
physics 534.34
Time (duration)
metaphysics **115**
see also Chronology
Time (rhythm) *see* Composition
Time
clocks *see* Timepieces

Time (continued)
studies
production *see* Operational management
psychology *see* Quantitative psychology
Time-and-date
recorders *see* Timepieces
Timepieces
art **739.3**
astronomy 522.51–.52
chronology 529.78
manufacture
economics **338.47+**
technology **681.11**
see also spec. applications
Timiskaming
Co. Que. *area* –714 21
District Ont. *area* –713 144
Timiskaming
period *see* Pre-Cambrian eras
Timor *area* –924
Timothy (N.T.) *see* Pauline epistles
Timothy
grass
agriculture
economics 338.17+
technology **633.24**
fodder
gen. wks. 636.086
see also spec. animals
processing *see spec. products*
see also Pooideae
Timpani *see* Percussion instruments
Tin
alloys
manufacture
economics 338.47+
technology **673.6**
metallurgy 669.6
properties
chemistry **546.686**
engineering 620.185
metallography 669.956
art metalwork *see* Tinsmithing
Tin (continued)
compounds
chemistry **546.686**
manufacture 661.06+
see also Organic chemistry
fabrication *see* Tinsmithing
geology
gen. wks. 553.453
mineralogy
element 549.23
minerals *see spec. minerals*
industries
extractive
metallurgy 669.6
mining 622.345+
manufacturing *see* Tinsmithing
metallography *see* Tin properties
mineralogy *see* Tin geology
mining *see* Tin industries
products *see spec. subj.*
properties
chemistry **546.686**
engineering 620.185
metallography 669.956
see also Radiochemistry
Tinamiformes
paleozoology 568.5
zoology 598.55
Tinamous
culture 636.6
hunting
industries 639.12+
sports 799.248+
see also Tinamiformes
Tincrafts *see* Metalcrafts
Tinctures *see* Medicinal solutions
Tinnitus
aurium *see* Middle ear
Tinsel *see* Passementerie
Tinsmithing
arts **739.53**
manufacturing
economics **338.47+**
technology **673.6**
see also spec. products

Tinted
etching *see* Aquatinting
etchings *see* Prints
Tinting
hair *see* Hairdressing
textiles *see* Dyeing textiles
Tintype
process *see* Special-process photography
Tinwork *see* Tinsmithing
Tioga Co.
N.Y. *area* –747 77
Pa. *area* –748 56
Tippah Co. Miss. *area* –762 92
Tippecanoe Co. Ind. *area* –772 95
Tipperary Ireland *area* –419 2
Tips *see* Wages
Tipton Co.
Ind. *area* –772 555
Tenn. *area* –768 17
Tires
manufacture *see* Elastomers
motor vehicles *see* Chassis
Tishah b'Ab *see* Holy days
Tishomingo Co. Miss. *area* –762 995
Tissue
papers *see* Paper products
Tissues (biological) *see* Histology
Titanite *see* Sphene
Titanium
compounds
chemistry **546.512**
manufacture 661.05+
fabrication *see* Titanium industries
geology
gen. wks. 553.462
mineralogy *see spec. minerals*
industries
extractive
metallurgy 669.732
mining 622.346+
manufacturing
economics 338.47+
technology 673.73+
metallography *see* Titanium properties
mineralogy *see* Titanium geology
Titanium (continued)
mining *see* Titanium industries
products *see spec. subj.*
properties
chemistry **546.512**
engineering 620.189 3+
metallography 669.957+
see also Radiochemistry
Tithing *see* Financial administration
Titicaca (lake)
gen. wks. *area* –841
Peru *area* –853
Title (land)
insurance **368.88**
laws †340
Titmice *see* Paridae
Titration
electrometric *see* Electroanalysis
volumetric *see* Volumetric analysis
Titrimetric
methods *see* Volumetric analysis
Titus Co. Tex. *area* –764 215
Titus (N.T.) *see* Pauline epistles
Tlaxcala Mexico *area* –724
Tlingit *see* Na-Dene
Toads *see* Frogs
Toasters *see* Household appliances
Toasting
customs *see* Eating-customs
Toasts *see* Speeches
Tobacco
addictions *see* Addictions
agriculture
economics 338.17+
technology **633.71**
pouches *see* Smokers' supplies
products
manufacture
economics **338.47+**
technology **679.7**
marketing 658.809+
pub. health 614.36

Tobacco (continued)
smoking
customs *see* Smoking tobacco
habits *see* Addictions
see also Solanales
Tobago West Indies *area* –729 83
Tobias *see* Tobit
Tobit
Apocrypha **229.2**
liturgy
gen. wks. 264.3–.4
spec. denominations **264.01–.09**
Tobogganing
activity *see* Snow sports
equipment *see* Recreational equipment
Toboggans *see* Recreational equipment
Tocharian
ethnic groups *area* –174+
language 491.99
lingual groups *area* –175+
see also other spec. subj.
Tochigi Japan *area* –521 3
Toda *see* Dravidian
Todd Co.
Ky. *area* –769 77
Minn. *area* –776 88
S.D. *area* –783 62
Todies *see* Coraciiformes
Toggle
joints *see* Couplings (mechanical)
Togo *area* –668 1
Toilet (grooming) *see* Personal grooming
Toilet
water *see* Cosmetics
Toilets *see* Lavatories
Tokat Turkey *area* –565
Tokelau *area* –961 5
Token
money *see* Noncommodity money
Tokens (metallic)
manufacture
economics 338.47+
technology
gen. wks. 671.83
see also spec. metals
Tokens (metallic) (continued)
numismatics 737.3
see also spec. applications
Tokharian *see* Tocharian
Tokushima Japan *area* –523
Tokyo Japan *area* –521 35
Tolecraft *see* Painting crafts
Toledo Spain *area* –464 3
Tolerance *see* Virtues
Tolerances
engineering
gen. wks. **620.1**
see also spec. branches
med. sci. *see* Posology
weights & measures *see* Metrology
see also other spec. applications
Toleration *see* Virtues
Tolima Colombia *area* –861 3
Toll
houses *see* Government buildings
roads *see* Trafficways
Tolland Co. Conn. *area* –746 4
Tom Green Co. Tex. *area* –764 72
Tomatoes
agriculture
economics 338.17+
technology **635.642**
food 641.35+
marketing 658.809+
processing *see spec. products*
see also Solanales
Tombigbee River
gen. wks. *area* **–761 2**
see also other areas
Tombola *see* Counter games
Tombs
architecture 726.8
construction 690.6+
Tompkins Co. N.Y. *area* –747 71
Tomsk Siberia *area* –573
Tom-toms *see* Percussion instruments
Tonalities *see* Audiology
Tonder Denmark *area* –489 5
Tone
poems *see spec. musical mediums*
Tonga *area* –961 2
Tongue *see* Mouth

Tongue-&-groove
products *see* Pattern lumber
Tonics *see* Stimulants
Tonneau (game) *see* Pitching games
Tonsillitis *see* Buccal diseases
Tonsils
anatomy
animals
vet. sci. 636.089+
zoology 591.43
see also spec. animals
man 611.32
diseases *see* Buccal diseases
physiology
animals
vet. sci. 636.089+
zoology 591.13
see also spec. animals
man 612.312
Tooele Co. Utah *area* –792 43
Toole Co. Mont. *area* –786 12
Toolmaking *see* Tools
Tools
agriculture *see* Agricultural tools
engineering
economics **338.47+**
technology
gen. wks. **621.9**
see also spec. branches
see also spec. applications
Toombs Co. Ga. *area* –758 78
Toothed
whales *see* Odontocetes
Toothpicks
wooden *see* Wooden minor products
Toothshells *see* Scaphopoda
Top
games *see* Wheel games
management
business 658.42
military
gen. wks. **355.6**
see also spec. mil. branches
see also Executive branch
minnows
culture 639.37+
Top
minnows (continued)
fishing
industries 639.27+
sports 799.17+
see also Mesichthyes
Topazes
mineralogy 549.62
see also Semiprecious stones
Topcoats *see* Garments
Topectomies *see* Neurosurgery
Topiary
work
agriculture *see* Pruning
landscaping 715.1
Topical
method *see* Project method
songs
music **784.68**
singing **†784.96**
Topographic
coordinates *see* Coordinates
surveying
gen. wks. **526.98**
military 623.72
see also other spec. applications
Topology
geography *see* Geography
geometry
gen. wks. 513.83
see also *s.s.*–015+
Toppers (garments) *see* Garments
Toppers (machinery) *see* Harvesting equipment
Torah *see* Pentateuch
Torbernite *see* Rare-earths geology
Torches *see* Candles
Torchwood *see* Rutales
Torino Italy *area* –451 2
Tornadoes
effects *see* Disasters
meteorology *see* Storms
Torpedo
boats *see* Warships
troops *see* Demolition (operations)
Torpedoes (animals) *see* Batoidea

Torpedoes (projectiles) *see* Special-purpose projectiles
Torrance Co. N.M. *area* –789 63
Torsion
crystallography 548.842
engineering
materials 620.112 4
structures 624.171
see also spec. kinds
physics 531.382
see also Elasticity
Tortoises *see* Turtles
Torts
internal law 347.5
international law 341.59
Tory
Party *see* Political parties
Tosefta *see* Talmud
Total
war *see* Strategy
Totalitarian
states
economics
Marxian **335.4**
nationalist 335.6
pol. sci. **†321.9**
see also spec. areas
Totemism
religion
gen. wks. 291.211
see also spec. rel.
soc. customs 392.33
Totems *see* Totemism
Tottori Japan *area* –521 9
Toucans
culture 636.686 9
hunting
industries 639.12+
sports 799.248+
see also Piciformes
Touch-me-nots *see* Geraniales
Touracos *see* Plaintain eaters
Touraine France *area* –445 4
Touring
travel **910.4**
see also Motoring
Tourist
camp
areas *see* Hotel areas
guides *see* Travels
Tourist (continued)
homes *see* Public accommodations
inns *see* Public accommodations
Tourmaline
mineralogy 549.64
see also Semiprecious stones
Tournaments
soc. customs *see* Knightly customs
sports *see spec. sports*
Tours *see* Travels
Tovariaceae *see* Capparidales
Towboats *see* Small craft
Towed
craft
construction
economics 338.47+
technology 623.829
see also Transportation services
mounts *see* Gun mounts
Towers
churches *see* Church buildings
gen. wks.
architecture 725.97
construction
economics 338.47+
technology 690.5+
see also Roof structures
Town
governments *see* Local governments
halls *see* Government buildings
libraries *see* Public libraries
meeting
government *see* Pure democracy
Towner Co. N.D. *area* –784 38
Towns Co. Ga. *area* –758 28
Towns *see* Communities
Townships *see* Communities
Toxemias *see* Bacterial blood diseases
Toxic
microorganisms *see* Pathogenic microorganisms

Toxic (continued)
nodular goiter *see* Endocrine disorders
plants *see* Deadly plants
Toxicants *see* Poisons
Toxicology *see* Poisons
Toxin-antitoxins *see* Serums
Toxins *see* Serums
Toxoids *see* Serums
Toy
dogs *see* Miniature dogs
theater *see* Miniature theater
Toyama Japan *area* –521 5
Toys
advertising *see* Specialty advertisements
child play *see* Child play
crafts **745.592**
manufacture
economics **338.47+**
technology **688.72**
marketing **658.809+**
Trabzon Turkey *see* Trebizond
Trace
elements *see* Micronutrient elements
Tracer
techniques *see* Radiochemical analysis
Trachea
anatomy *see* Respiratory organs
diseases *see* Respiratory diseases
physiology *see* Respiration
Trachinoidea *see* Acanthopterygii
Trachitis *see* Respiratory diseases
Trachoma *see* Conjunctival disorders
Trachylina *see* Hydrozoa
Tracing
papers *see* Paper products
Track
athletics
customs 394.3
gen. wks. 796.42
racing
horses *see* Equestrian sports
Tracking
game *see* Hunting (activity)
Tracking-systems
astronautics
gen. wks.
manned 629.457
unmanned 629.437
military 623.749
see also spec. applications
Tracks (railroads)
eng. & construction
economics **338.47+**
technology **625.14**
see also Railroads
Traction
systems *see* Electric traction
Tractors
agriculture 631.372
engineering
economics 338.47+
technology
gasoline 629.225
steam 621.14
see also spec. applications
Trade (activity)
govt. control
gen. wks. †350.82
see also spec. levels of govt.
management **†658.8**
services
gen. wks. †380.1
see also spec. kinds
Trade
catalogs
books *see* Publishers' catalogs
spec. subj. *s.s.*–†029
education *see* Vocational education
lanes *see* Transportation services
schools *see* Vocational education
shows *see* Display advertising
winds *see* Winds
Trading
procedures
commerce *see* Commerce (activity)

Trading
procedures (continued)
finance
economics **332.64**
govt. control
gen. wks. †350.825
see also spec. levels of govt.
Traditional
high schools *see* Secondary schools
Traditionalism
philosophy 148
religion *see* Dogmatism
Traditions *see* Customs (conventions)
Traffic
flow *see* Traffic management
management
ind. plants **658.78**
trafficways 388.31
safety *see* Safety measures
violations *see* Offenses
Trafficways
eng. & construction
gen. wks. **625.7**
military 623.62
farm structures 631.28
govt. control
gen. wks. 350.864
see also spec. levels of govt.
landscaping 713
planning 711.73–.74
see also Transportation services
Tragedy *see* Drama
Tragopogon
porrifolius *see* Salsify
Tragulida
paleozoology 569.73
zoology 599.735 5
Trailer
camp
areas *see* Hotel areas
camps *see* Public accommodations
travel *see* Motoring
Trailers
architecture 728.7
Trailers (continued)
construction
economics 338.47+
technology 629.226
see also spec. applications
Trailing
game *see* Hunting (activity)
Traill Co. N.D. *area* –784 14
Trainers (aircraft) *see* Heavier-than-air aircraft
Training
maneuvers
gen. wks. **355.5**
see also spec. mil. branches
Trainmen's
manuals *see* Railroading
Trains
eng. & construction
economics **338.47+**
technology
gen. wks. **625.2**
military †623.633
see also Transportation services
Traitors *see* Offenders
Trajectories
ballistics **623.51**
mechanics
gen. wks. 531.31
see also Orbits
Trampolining *see* Gymnastics
Trampolins *see* Recreational equipment
Trams *see* Electric railways
Tranquilizers *see* Psychotrophic drugs
Transaction
taxes *see* Taxation
Transcendental
psychology *see* Occultism
Transcendentalism
philosophy
gen. wks. 141.3
metaphysics **111.8**
psychology *see* Occultism
Transcription (music) *see* Arrangement (music)
Transepts *see* Church buildings
Transference *see* Subconscious

Transfiguration
of Jesus Christ
feast *see* Holy days
gen. wks. 232.956
meditations 242.37
Transfinite
numbers *see* Numbers (symbols)
Transformations
algebra *see* Groups
calculus
gen. wks. 517.8
see also *s.s.*–015+
geometry *see* Geometric transformations
Transformers
elect. eng.
economics 338.47+
technology 621.314
see also spec. applications
Transient
currents *see* Circuitry
Transillumination *see* Illumination
Transistors *see* Semiconductor valves
Transit
instruments *see* Meridional instruments
taxes *see* Customs (taxes)
Transition
flow
engineering
aircraft 629.132 37
spacecraft **629.415**
mechanics
gases 533.21+
liquids 532.516
metals
chemistry **546.62–.64**
see also spec. metals
regions
aerodynamics *see* Boundary layers
physiology *see* Circulation
Transitional
elements *see* Transition metals
Transits
astronomy
descriptive **523.9**
theoretical 521.8
Transits (continued)
see also ***s.s.*–015+**
Translating-machines *see* Language translators
Translation
linguistics
gen. wks. †418.02
see also spec. languages
mechanics *see* Statics
Translocation *see* Circulation
Transmigration
of souls *see* Reincarnation
Transmission
devices
motor vehicles *see* Chassis
of electricity
economics **338.47+**
technology **621.319**
of mechanical power *see* Power transmission machinery
Transmitters
communication *see* Telecommunication
radio eng.
economics 338.47+
technology 621.384 131
see also other eng. branches
Transmitting
antennas *see* Antennas
Transmutations
chemistry 541.388 4
engineering 621.483 7
physics **539.75**
see also Alchemy
Transoceanic
communication *see* Telecommunication
Transonic
velocity
engineering
aircraft 629.132 304
spacecraft **629.415**
physics
air 533.62+
gases 533.274
Transoxiana *see* Sogdiana
Transpiration
gen. wks. *see* Excretion
plants
gen. wks. 581.129
see also *s.s.*–015+

Transplanters *see* Planting equipment
Transplanting
equipment *see* Planting equipment
techniques 631.536
see also spec. plants
Transport
aircraft *see* Heavier-than-air aircraft
commands *see* Air forces
equipment
agriculture 631.373
engineering
economics **338.47+**
technology
gen. wks. **629**
military **623.74**
see also Ships
laws *see* Commercial law
phenomena
air pollution
engineering **†628.53**
medicine **614.71**
geology 551.303
meteorology 551.51
physics
mechanical
gases 533.13
liquids 532.7
solids 531.7
thermal 536.201 4
Transportation
advertising
economics †338.47+
technology †659.134
area planning **711.7**
buildings
architecture **725.3**
construction
economics **338.47+**
technology **690.5+**
housekeeping **647.96+**
interior decoration **747.8+**
see also Transportation services
engineering *see spec. elements*
equipment
engineering *see spec. elements*
Transportation
equipment (continued)
mil. sci.
gen. wks. 355.83
see also spec. mil. branches
govt. control
gen. wks. **†350.875–.878**
see also spec. levels of govt.
insurance
accident **†368.384**
liability **368.57**
property loss **368.2**
see also Financial institutions
mining *see* Materials-handling equipment
services
civilian
gen. wks. **†380.5**
spec. kinds **385–388**
management
economics **338.47+**
technology **658.91+**
military
gen. wks. 358.25
see also spec. kinds of warfare
sanitation 614.799
students
gen. wks. †371.872
see also spec. levels of ed.
Transporter
bridges *see* Movable bridges
Transporting *see* Transportation services
Transports (ships)
commercial *see* Merchant ships
military *see* Government vessels
Transposition (music) *see* Arrangement (music)
Transshipment *see* Trade (activity)
Transvaal South Africa *area* **–682**
Transvestism *see* Sexual disorders
Transylvania, Romania *area* –†498 4

Transylvania Co. N.C. *area* –756 93
Trapani Sicily *area* –458 24
Trapeze
work
circus *see* Circuses
gymnastics *see* Gymnastics
Trapping *see* Hunting (activity)
Trappists *see* Benedictines
Trapshooting *see* Shooting (activities)
Trás-os-Montes Portugal *area* –469 2
Traumatic
shock *see* Shock (biological)
Traumatropism *see* Reflex actions
Trautoniums *see* Electronic musical instruments
Travancore-Cochin India *area* –548 3
Travel
accident
insurance *see* Accident insurance
gen. wks. *see* Travels
insurance *see* Transportation insurance
meals
cookery *see* Quantity cookery
service
management 658.91+
technology 642.3
safety *see* Safety measures
Travelers
checks *see* Credit instruments
Traveling
bridges *see* Movable bridges
shows
management **658.91+**
performance **791.1**
Traveling-wave
tubes
engineering
gen. wks. 621.381 335
see also spec. branches
physics 537.534 4
Travels
geography **910.4**
scientific 508.3
see also spec. areas
Traverse Co. Minn. *area* –776 435
Traversing (surveying) *see* Surveying
Traversing-bridges *see* Movable bridges
Travertine
mineralogy 549.782
see also Building stones
Travis Co. Tex. *area* –764 3
Trawlers *see* Special-purpose vessels
Treason *see* Offenses
Treasure Co. Mont. *area* –786 313
Treasure
troves
folklore *see* Mythology
travel 910.453
Treasury
departments *see* Executive departments
notes *see* Paper money
Treaties
texts **341.2**
see also Treaty-making
Treaty-making
legislative powers 328.346
procedures **341.2**
Trebizond Turkey *area* –565
Tree
hyraxes *see* Hyracoideans
lilies *see* Haemodorales
of heaven *see* Ailanthus trees
poppies *see* Rhoeadales
surgery
floriculture 635.977
forestry 634.96+
orchards **634.1–.6**
see also spec. trees
Trees
botany **†582.16**
culture
floriculture **635.977**
forestry **634.97**
landscaping 715.2
paleobotany 561.21
see also Orchards
Trefoils
agriculture
economics 338.17+
technology **633.374**

Trefoils (continued)
fodder
gen. wks. 636.086
see also spec. animals
see also Leguminosae
Trego Co. Kan. *area* –781 165
Trehalose *see* Sugars
Treinte y Tres Uruguay *area* –895 2
Tremandraceae *see* Pittosporales
Trematoda
culture †639.75+
infestations
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.963**
pediatrics **618.92+**
public health 614.55+
plants
agriculture 632.6+
botany 581.233
see also spec. plants
paleozoology 565.1
zoology 595.122
Trempealeau Co. Wis. *area* –775 49
Trench
fever *see* Rickettsial diseases
knives *see* Side arms
mouth *see* Buccal diseases
warfare *see* Siege warfare
Trentino-Alto Adige Italy ***area* –453 8**
Trento Italy *area* –453 85
Trepostomata *see* Gymnolaemata
Trestle
bridges *see* Trussed bridges
Trestles *see* Trusses
Treutlen Co. Ga. *area* –758 68
Treviño Spain *area* –466 7
Treviso Italy *area* –453 6
Trial
marriage *see* Sex relations
Trial by jury *see* Jury trials
Trials *see* Judicial system
Triangles (music) *see* Percussion instruments
Triangulation
geodetic surveying 526.33
Triangulation (continued)
trigonometry *see* Trigonometry
Triassic
period *see* Mesozoic era
Tribal
states *see* Primitive states
Triboelectricity *see* Electrostatics
Tribunals *see* Judicial system
Trichechiformes *see* Sirenia
Trichinosis
medicine 616.965 4
pediatrics 618.92+
pub. health 614.562
Trichopodaceae *see* Dioscoreales
Trichoptera
paleozoology 565.74
zoology 595.745
Trick
games
customs 394.3
gen. wks. 793.5
photography
gen. wks. 778.8
see also spec. applications
Tricladida *see* Turbellaria
Triconodonta
gen. wks. 569.17
see also *s.s.*–015+
Tricycles *see* Cycles (vehicles)
Trier Germany *area* –†434 3
Trieste *area* –†453 93
Trifolium *see* Clovers
Trigeminal
neuralgia *see* Neurological diseases
Trigg Co. Ky. *area* –769 79
Trigoniaceae *see* Polygalales
Trigonometry
gen. wks. **514**
see also ***s.s.*–015+**
Trikkala Greece *area* –495 4
Trilliaceae *see* Liliales
Trilliums *see* Liliales
Trilobita
gen. wks. 565.393
see also *s.s.*–015+
Trilobites *see* Trilobita
Trimble Co. Ky. *area* –769 375

Trims
architecture 729.31
construction
economics 338.47+
technology 694.69
finishing
economics **338.47+**
technology **698.3**
furniture
art 749.5
technology **684.1**
interior decoration
art 747.3
home economics 645.2–.3
see also spec. structures
Trimurti *see* Trinity
Trinidad West Indies *area* –729 83
Trinity
Co.
Calif. *area* –794 14
Tex. *area* –764 17
River Tex.
gen. wks. ***area* –764 1**
see also other areas
Trinity
dogmatics
Christian **231**
see also other spec. rel.
see also spec. aspects
Triodes *see* Electronic tubes
Triphylite
mineralogy 549.72
see also Lithium geology
Tripitaka
literature 809.935+
religion 294.382
Triplanes *see* Heavier-than-air aircraft
Triple
points *see* Phase changes
Triplets
children *see* Children
sociology **301.431**
see also Multiple pregnancy
Tripoli
Africa *see* Tripolitania
Asia
ancient *area* –394 4
modern *area* –569 2
Tripoli
deposits *see* Abrasive materials
Tripolitania
ancient *area* –397 4
modern *area* –612 2
Tripp Co. S.D. *area* –783 61
Trips *see* Travels
Triptychs *see* Easel paintings
Tripura India *area* –541 5
Triremes *see* Historic ships
Trisaccharides *see* Sugars
Tristan da Cunha *area* –†973
Triticum *see* Wheat
Tritium *see* Hydrogen
Triumphs
observance *see* Official ceremonies
Triuridaceae *see* Triuridales
Triuridales
botany 584.71
floriculture 635.934+
Troas *area* –392 1
Troches *see* Medicinal tablets
Trochili *see* Apodiformes
Trochodendraceae *see* Magnoliales
Troco *see* Mallet games
Troglodytidae
paleozoology 568.8
zoology 598.833
Trogoniformes
paleozoology 568.7
zoology 598.73
Trogons
culture 636.6
hunting
industries 639.12+
sports 799.248+
see also Trogoniformes
Trolleybuses
eng. & construction
economics 338.47+
technology 625.66
see also Transportation services
Trolleycars *see* Electric railways
Trolling *see* Fishing
Trombidiformes *see* Acari
Trombones
manufacture
economics 338.47+

Trombones
manufacture (continued)
technology 681.81+
music **788.2**
Troms Norway *area* –484 5
Trona
mineralogy 549.782
see also Mineralized waters
Troop
carrier
commands *see* Air forces
carriers *see* Heavier-than-air aircraft
movements *see* Logistics
ships *see* Government vessels
Troops *see* Organizational units
Troop-support
tactics *see* Logistics
Tropaeolaceae *see* Geraniales
Tropes *see* Mass (religion)
Tropic
birds *see* Gannets
photography *see* Hot-weather photography
Tropical
plants
botany 581.9+
floriculture 635.952
see also spec. plants
Tropics
climatology 551.62
geography 910.091+
history 909.09+
subj. treatment *area* –13
see also spec. areas
Tropisms *see* Reflex actions
Tropopause *see* Troposphere
Troposphere
meteorology
gen. wks. 551.513
see also spec. phenomena
regional subj. treatment *area* –161 2
Trotters *see* Race horses
Trotting
horses *see* Equestrian sports
Troup Co. Ga. *area* –758 46
Trousdale Co. Tenn. *area* –768 48
Trousers *see* Garments
Trout
culture 639.37+
Trout (continued)
fishing
industries 639.27+
sports 799.17+
food
cookery 641.6+
gen. wks. 641.39+
see also Isospondyli
Troy (ancient city) *area* –392 1
Truant
schools *see* Reformatories
Trucial Oman *area* –535
Truck
gardening *see* Garden crops
insurance *see* Transportation insurance
Trucks
agriculture 631.373
engineering *see* Motor vehicles
Truffles
agriculture
economics 338.17+
technology 635.8
food 641.35+
marketing 658.809+
processing *see spec. products*
see also Ascomycetes
Trujillo Venezuela *area* –871
Trumbull Co. O. *area* –771 38
Trumpets
manufacture
economics 338.47+
technology 681.81+
music **788.1**
Trunks *see* Luggage
Trussed
bridges
eng. & construction
economics **338.47+**
technology **624.3**
see also Bridges
Trusses
engineering
gen. wks. 624.177 3
see also spec. branches
med. sci. *see spec. disorders*
Trust Territory of the Pacific Isls. *area* –965

Trust
companies
banks *see* Financial institutions
industrial *see* Combinations
services
banks †332.178
courts 347.9
territories *see* Dependent states
Trusts
banks *see* Financial institutions
industrial *see* Combinations
Truth
metaphysics 111.83
religion
gen. wks. 210
see also spec. rel.
Truthfulness
ethics 177.3
religion
Christian 241.4
see also other spec. rel.
Trypanosomiasis *see* Protozoan infections
Trypsin *see* Enzymes
Tsetse
flies
agricultural pests 632.7+
culture 638.57+
disease carriers *see* Disease carriers
see also Orthorrhapha
Tsimshian *see* Macro-Penutian
Tsinghai China *area* –514 7
Tsutsugamushi
disease *see* Rickettsial diseases
Tuamotu Isls. *area* –963 2
Tuareg *see* Berber
Tuataras *see* Rhynchocephalia
Tubal
pregnancies *see* Extrauterine pregnancies
Tubas *see* Horns (musical instruments)
Tuberculins *see* Serums
Tuberculosis
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.995**
pediatrics **618.92+**
pub. health **614.59**
see also Pulmonary tuberculosis
Tuberoses *see* Amaryllidales
Tubers *see* Bulbs (plants)
Tubes
manufacture
economics 338.47+
technology 671.83
materials
engineering
gen. wks. 620.112 83
see also spec. applications
see also Materials-handling
Tubuai Isls. *area* –962 2
Tubular
bridges
eng. & construction
economics 338.47+
technology 624.4
see also Bridges
Tubulidentata *see* Protungulata
Tucker Co. W.Va. *area* –754 83
Tucumán Argentina *area* –824
Tufas *see* Volcanic rocks
Tuffs *see* Volcanic rocks
Tug Fork
gen. wks. ***area* –754 4**
Ky. ***area* –769 2**
Tugboats *see* Small craft
Tula RSFSR *area* –473 1
Tulare Co. Calif. *area* –794 86
Tularemia *see* Pasteurella diseases
Tularosa Valley N.M.
gen. wks. *area* –789 65
see also other areas
Tulip
trees
culture 635.977+
forestry 634.973+
see also Magnoliales

Tulips *see* Liliales
Tulles *see* Openwork fabrics
Tulsa Co. Okla. *area* –766 86
Tulu *see* Dravidian
Tumbes Peru *area* –851
Tumbling *see* Gymnastics
Tumeric
agriculture
economics †338.17+
technology †633.83
food †641.338+
processing *see spec. products*
see also Zingiberales
Tumors *see* Oncology
Tunas (fish)
culture 639.37+
fishing
industries
economics 338.372+
technology 639.27+
sports 799.17+
food
cookery 641.6+
gen. wks. 641.39+
see also Acanthopterygii
Tunas (fruit) *see* Prickly pears
Tunceli Turkey *area* –566 7
Tundra *see* Plains
Tung
nuts
agriculture
field crops 633.85
forest crops †634.973+
processing *see spec. products*
oil *see* Fixed oils
trees
culture 635.977+
forestry †634.973+
see also Euphorbiales
Tungpei China *area* **–518**
Tungstates
chemistry *see* Tungsten compounds
mineralogy *see* Tungsten geology
Tungsten
compounds
chemistry **546.536**
manufacture 661.05+
fabrication *see* Tungsten industries

Tungsten (continued)
geology
gen. wks. 553.464
mineralogy
gen. wks. 549.74
see also spec. minerals
industries
extractive
metallurgy 669.734
mining 622.346+
manufacturing
economics 338.47+
technology 673.73+
metallography *see* Tungsten properties
mineralogy *see* Tungsten geology
mining *see* Tungsten industries
products *see spec. subj.*
properties
chemistry **546.536**
engineering 620.189 3+
metallography 669.957+
see also Radiochemistry
steel *see* Iron alloys
Tungurahua Ecuador *area* –866 1
Tungusic
ethnic groups *area* –174+
languages 494.1
lingual groups *area* –175+
see also other spec. subj.
Tunica Co. Miss. *area* –762 86
Tunicata
paleozoology 566
zoology 596.2
Tunisia *area* –611
Tunnel
construction
engineering *see* Tunnels
forces *see* Engineer forces
Tunneling
mining 622.26
see also Tunnels
Tunnels
architecture 725.98
construction
economics **338.47+**
technology
gen. wks. **624.19**
military 623.68

Tunnels (continued)
govt. control
gen. wks. 350.864
see also spec. levels of govt.
transportation 388.1
see also other spec. applications
Tuolumne Co. Calif. *area* –794 45
Tupelo
trees
culture 635.977+
forestry 634.973+
see also Umbelliflorae
Tupi *see* Amerindians
Turbellaria
culture †639.75+
paleozoology 565.1
zoology 595.123
Turbidimetric
analysis *see* Optical analysis
Turbine
engines *see* Gas-turbine engines
Turbines
engineering
gas **621.433**
hydraulic 621.24
steam **621.165**
see also spec. applications
Turbojet
engines *see* Jet engines
Turboprop
engines *see* Jet engines
Turboramjet
engines *see* Jet engines
Turbulent
flow
engineering
aircraft 629.132 37
spacecraft **629.415**
mechanics
gases 533.21+
liquids †532.517
Türck
column *see* Spinal cord
Turdidae
paleozoology 568.8
zoology 598.842

Turf
racing
horses *see* Equestrian sports
Turgor
movements *see* Motor functions
Turkestan *area* **–584**
Turkey
Europe *area* –496 1
gen. wks. ***area*** **–561**
Turkeys
conservation 639.97+
culture **636.592**
food *see* Poultry
hunting
industries 639.12+
sports 799.248+
see also Galli
Turkic
ethnic groups *area* –174+
languages **494.3**
lingual groups *area* –175+
see also other spec. subj.
Turkish *see* Turkic
Turkmenistan USSR *area* –585
Turks Isls. *area* –729 61
Turku-Pori Finland *area* –471 3
Turner Co.
Ga. *area* –758 885
S.D. *area* –783 385
Turneraceae *see* Loasales
Turnices *see* Gruiformes
Turning-bridges *see* Movable bridges
Turning-machinery
engineering
economics **338.47+**
technology
gen. wks. **621.94**
see also spec. branches
see also spec. applications
Turnips
agriculture
economics 338.17+
technology
field crops 633.42
garden crops **635.125**
fodder
gen. wks. 636.086
see also spec. animals
food 641.35+

Turnips (continued)
marketing 658.809+
processing *see spec. products*
see also Cruciales
Turnover
taxes *see* Taxation
Turnpikes *see* Trafficways
Turnstones *see* Plovers
Turpentine
chemistry *see* Terpenes
extraction
economics 338.17+
technology †634.975 186
processing
economics 338.47+
technology 665.332
see also spec. applications
Turpentining *see* Turpentine
Turquoises
mineralogy 549.72
see also Semiprecious stones
Turret
mounts *see* Gun mounts
Turrets *see* Towers
Turtle Mts.
gen. wks. *area* **–784 6**
see also other areas
Turtledoves *see* Pigeons
Turtles
culture †639.39+
food *see* Game food
hunting
industries †639.14+
sports 799.279+
see also Chelonia
Tuscaloosa Co. Ala. *area* –761 84
Tuscany Italy *area* **–455**
Tuscarawas Co. O. *area* –771 66
Tuscarora Mts. Pa.
gen. wks. *area* –748 44
see also other areas
Tuscola Co. Mich. *area* –774 45
Tussah
silk fabrics *see* Silk textiles
Tuva Autonomous Region *area* –†575
Tweeddale Scotland *see* Peebles
Tweeds *see* Woolen textiles
Tweezers *see* Personal grooming equipment
Twelve
Tables *see* Roman law
Twenty-one (game) *see* Card games
Twiggs Co. Ga. *area* –758 545
Twilight
astronomy 525.7
meteorology 551.566
Twin Falls Co. Ida. *area* –796 37
Twines *see* Cordage
Twins
children *see* Children
sociology **301.431**
see also Multiple pregnancy
Twisters *see* Storms
Two Mountains Co. Que. *area* –714 25
Two-way
stations *see* Broadcasting stations
Tyler Co.
Tex. *area* –764 163
W.Va. *area* –754 19
Tylopoda
paleozoology 569.73
zoology 599.736
Tympanic
membrane
diseases
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man **617.85**
see also Middle ear
Tyndall
scattering *see* Spectroscopy
Type
faces
gen. wks. 655.24
production *see* Typefounding
printing *see* Typography
Typefounding
economics 338.47+
technology 655.21
Typesetting
economics **338.47+**
technology **655.25**
Typewriter
composition *see* Machine typesetting

Typewriters
manufacture
economics 338.47+
technology 681.61
marketing 658.809+
office equipment 651.264
see also spec. applications
Typewriting
gen. wks. **652.3**
see also spec. applications
Typhaceae
botany 584.613
floriculture 635.934+
Typhales
bur-reeds *see* Sparganiaceae
cattails *see* Typhaceae
Typhoid
fever *see* Eberthella diseases
vaccines *see* Serums
Typhoons *see* Storms
Typhus
fevers *see* Rickettsial diseases
vaccines *see* Serums
Typists *see* Office personnel
Typography
economics **338.47+**
technology **655.2**
Typology
Bible
gen. wks. 220.64
see also spec. parts
psychology
children **†155.44**
gen. wks. **†155.26**
Tyrannidae
paleozoology 568.8
zoology 598.81
Tyrol
Austria *area* –436 4
Italy *area* –453 8
Tyrone Ireland *area* –416 4
Tyrothricin *see* Antibiotics
Tyrrell Co. N.C. *area* –756 17
Tyumen Siberia *area* –573

U

UMT
men *see* Manpower mobilization
women *see* Womanpower mobilization
UN *see* United Nations
U-boats *see* Warships
Udders *see* Mammary glands
Udine Italy *area* –453 91
Udmurt ASSR *area* –478 1
Udmurt (subject) *see* Finnic
Uganda *area* –676 1
Ugaritic *see* Canaanite-Phoenician
Ugric *see* Finno-Ugric
Ugro-Ostyak *see* Finno-Ugric
Uighur *see* Turkic
Uinta
Co. Wyo. *area* –787 84
Mts. Utah
gen. wks. *area* –792 14
see also other areas
Uintah Co. Utah *area* –792 21
Ukraine *area* –†477 1
Ukrainian
ethnic groups *area* –174+
language **491.791–.798**
lingual groups *area* –175+
see also other spec. subj.
Ukuleles
manufacture
economics 338.47+
technology 681.81+
music 787.92
Ulcers
intestinal *see* Intestinal disorders
skin *see* Skin disorders
Ulexite
mineralogy *see* Boron geology
Ulmaceae *see* Urticales
Ulna *see* Bones
Ulotrichales *see* Chlorophyta
Ulster, Ireland *area* **–416**
Ulster Co. N.Y. *area* –747 34

Ultimate
analysis *see* Thermogravimetric analysis
Ultrafiltration
methods *see* Diffusion analysis
Ultra-high-frequency
waves *see* Microwaves
Ultra-high-speed
photography *see* High-speed photography
sound *see* Ultrasonics
Ultramicrobes
biology **576.6**
medicine
animals
gen. wks. **636.089+**
see also spec. animals
man **616.019**
see also spec. diseases
Ultramicroscopes *see* Microscopes
Ultrasonic
vibrations *see* Ultrasonics
Ultrasonics
engineering
gen. wks. 620.28
see also spec. branches
physics 534.55
see also spec. applications
Ultraviolet
biophysics *see* Biophysics
chemistry
analysis *see* Spectroscopy
gen. wks. *see* Photochemistry
engineering
economics 338.47+
technology 621.364
food ind. *see* Food preservation
physics
gen. wks. 535.014
spectrum *see* Spectroscopy
therapy *see* Phototherapies
Ulyanovsk RSFSR *area* –478 3
Umatilla Co. Ore. *area* –795 69
Umbagog Lake
gen. wks. *area* –742 1
see also other areas
Umbelliferae *see* Umbelliflorae
Umbelliflorae
botany 583.48
floriculture 635.933+
Umber *see* Pigments
Umbilical
cord *see* Embryology
Umbrellas
customs 391.44
manufacture
economics 338.47+
technology 685.5
marketing 658.809+
Umbria Italy
ancient *area* –374
modern ***area* –456 5**
Umbrian *see* Rhaeto-Romanic
Umpqua River Ore.
gen. wks. *area* –795 29
see also other areas
Unarmed
combat
ethics 175.6
gen. wks. 613.66
mil. training *see* Training maneuvers
sports
management **658.91+**
performance **796.81**
Unconscious
metaphysics 127
psychology *see* Depth psychology
Unconventional
warfare
history *see hist. of spec. countries*
services *see* Special services
Underconsumption
economics
gen. wks. 339.46
see also spec. elements
see also other spec. aspects
Undergraduate
schools *see* Universities
Underground
mining
economics **338.2**
technology **622.2**
see also spec. ores

Underground (continued)
railways *see* Rapid transit railways
shelters *see* Blastproof structures
tunnels *see* Tunnels
utilities *see* Utility lines
waters *see* Ground waters
Underpasses *see* Bridges
Underprivileged
classes *see* Social classes
Undershot
wheels *see* Waterwheels
Understanding *see* Perception
Undertaking
customs *see* Funeral rites
pub. health 614.64
Underwater
foundations *see* Subaqueous foundations
mines *see* Low-velocity projectiles
operations
engineering
economics **338.47+**
technology **627.7**
services 387.55
see also Diving
photography
gen. wks. 778.73
see also spec. applications
tunnels *see* Tunnels
Underwear *see* Garments
Underweight
people
cookbooks 641.563
hygiene 613.24
medicine *see* Nutritional diseases
see also Body contours
Undulant
fever *see* Zoogenous diseases
Unearned
increment *see* Interest rates
Unemployment
insurance
gen. wks. **368.44**
see also Financial institutions
labor economics **331.13**
managerial aspects **658.313**
Unfunded
debts *see* Public securities
Unguiculata
paleozoology **569.3**
zoology **599.3**
Ungulates *see* Hoofed mammals
Unicameral
legislatures *see* Legislative bodies
Unicellular
animals *see* Protozoa
plants *see* Schizomycetes
Unicoi Co. Tenn. *area* –768 98
Unicorn
plants *see* Personales
Unicorns *see* Imaginary animals
Unicycles *see* Cycles (vehicles)
Uniforms
customs *see* Costume
garments *see* Garments
mil. sci.
administration 355.66
gen. wks. 355.81
see also spec. mil. branches
Unincorporated
companies
economics 338.73
management 658.04+
see also *s.s.*–065
Union
Co.
Ark. *area* –767 61
Fla. *area* –759 14
Ga. *area* –758 285
Ill. *area* –773 995
Ind. *area* –772 625
Ia. *area* –777 85
Ky. *area* –769 885
Miss. *area* –762 925
N.J. *area* –749 36
N.M. *area* –789 23
N.C. *area* –756 755
O. *area* –771 53
Ore. *area* –795 71
Pa. *area* –748 48
S.C. *area* –757 41
S.D. *area* –783 392
Tenn. *area* –768 935

Union (continued)
Isls. *see* Tokelau
of Soviet Socialist Republics *see* Soviet Union
Par. La. *area* –763 89
Union
catalogs
books 017–019
library functions †021.64
see also *s.s.*–021 6
rugby *see* Football
Union-management
disputes
conciliation practices 331.15
gen. wks. 331.89
see also Employer-employee relationships
relationships *see* Employer-employee relationships
Unions
labor
economics 331.88
management 658.91+
see also Organizations
Union-shop
policies *see* Unions
Uniremes *see* Historic ships
Unit
method *see* Project method
operations
gen. wks. 660.284 4
see also spec. products
packaging
production *see* Operational management
processes *see* Synthesis
Unitarian
Church *see* Unitarianism
Universalist Association *see* Unitarianism
Unitarianism
religion 288
see also Church buildings
Unitary
states
pol. sci. 321.01
see also spec. areas
United
Arab Republic *see* Egypt
Kingdom *area* –42
States of America *area* –73
United
Brethren
in Christ *see* Recent Christian sects
Moravian *see* Moravian Church
charities *see* Community welfare
Church of Canada *see* Methodist churches
Church of Christ *see* Congregationalism
Confederate Veterans *see* Military societies
Daughters of the Confederacy *see* Hereditary societies
Free Church *see* Moravian Church
Nations
gen. wks. 341.13
see also spec. services
Society of True Believers in Christ's Second Appearing *see* Shakers
Uniterms *see* Subject headings
Unitized
cargo *see* Transportation services
Unity
metaphysics 111.82
rhetoric *see* Rhetoric
Unity School of Christianity *see* Recent Christian sects
Universal
algebra
gen. wks. 512.89
see also *s.s.*–015+
bibliographies †011
history *see* World history
joints *see* Couplings (mechanical)
languages †401.3
motion *see* Motion (activity)

Universal (continued)
service
men *see* Manpower mobilization
women *see* Womanpower mobilization
Universalism *see* Economic systems
Universalist
Church
religion 289.1
see also Church buildings
Universe *see* Cosmology
Universities
gen. wks. 378.155
govt. control
gen. wks. †350.85
see also spec. levels of govt.
see also *s.s.*–071 1
University
buildings *see* College buildings
libraries *see* College libraries
publishing *see* Publishing
songs *see* Student songs
Universology *see* Cosmology
Unlawful
assembly *see* Offenses
Unmarried
mothers
sociology 301.415
welfare services †362.83
Unpardonable
sin *see* Sins
Unsewered
structures
archeology †913.031
engineering
economics 338.47+
technology †628.742
Unsized
papers *see* Paper products
Unskilled
work
economics
labor 331.798
production 338.1–.4
see also spec. subj.
Unterwalden
Switzerland *area* –494 7
Untouchables *see* Social classes
Upanishads
literature 891.2
religion 294.592 1
Upholstered
furniture *see* Furniture
Upholstery
interior decoration
art 747.5
home economics 645.4
manufacture *see* Fancy-weave fabrics
trimmings *see* Passementerie
Upper
Austria *area* –436 2
Bavaria Germany *area* –433 6
Franconia Germany *area* –433 1
Nile Province Sudan *area* –629 3
Palatinate Germany *area* –433 4
Volta *area* –662 5
Yukon election district Alaska *area* –798 6
Upper
atmosphere
meteorology
gen. wks. 551.514
see also spec. phenomena
regional subj. treatment *area* –161 3–161 4
Carboniferous period *see* Paleozoic era
Pre-Cambrian period *see* Pre-Cambrian eras
Silurian period *see* Paleozoic era
Uppsala Sweden *area* –487
Upshur Co.
Tex. *area* –764 22
W.Va. *area* –754 62
Upson Co. Ga. *area* –758 486
Upton Co. Tex. *area* –764 863
Ural Mts. USSR *area* –478 7
Uralic
ethnic groups *area* –174+
languages 494.4–.5
lingual groups *area* –175+
see also other spec. subj.
Uraninite
mineralogy †549.528
see also Rare-earths geology

Uranium *see* Rare-earths
Uranography *see* Descriptive astronomy
Uranus (planet)
astronomy
descriptive 523.47
theoretical 521.5
see also *s.s.*–015+
Urban
communities
geography *area* –173 2
planning *see* Planning communities
see also spec. areas
land
economics
gen. wks. 333.77
see also Real-estate
living
psychology †155.942
sociology 301.364
parishes
govt. & admin. 254.2+
see also spec. aspects
parks *see* Recreational land
redevelopment *see* Slums redevelopment
sanitation *see* Municipal engineering
water *see* Water supply
Urbanists *see* Franciscans
Urdu *see* Prakrits
Urea
fertilizers
agriculture
gen. wks. 631.841
see also spec. crops
manufacture
economics 338.47+
technology 668.62+
marketing 658.809+
plastics *see* Polymerization plastics
see also Nitrogen compounds
Uredinales
botany 589.225
paleobotany 561.92
Ureters
anatomy
animals
vet. sci. 636.089+
animals (continued)
zoology 591.44
see also spec. animals
man 611.61
diseases *see* Renal disorders
physiology
animals
vet. sci. 636.089+
zoology 591.14
see also spec. animals
man 612.467
Urethra
anatomy
animals
vet. sci. †636.089+
zoology 591.44
see also spec. animals
man †611.62
diseases *see* Urinary disorders
physiology
animals
vet. sci. 636.089+
zoology 591.14
see also spec. animals
man 612.467
Urethritis *see* Urinary disorders
Uretic
drugs
pharmacodynamics
med. sci. 615.761
vet. sci.
gen. wks. 636.089+
see also spec. animals
see also Pharmacology
Urfa Turkey *area* –565
Uri Switzerland *area* –494 7
Urinalysis
chemical 547.33+
diagnostic *see* Diagnoses
physiological
animals
gen. wks. 636.089+
see also spec. animals
man 612.461
Urinary
calculi *see* Urinary disorders

Urinary (continued)
disorders
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.62–.63**
pediatrics **618.92+**
surgery **617.462**
system *see* Urology
Urns *see* Containers
Urodela
paleozoology 567.9
zoology 597.9
Urogenital
disorders
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.6**
pediatrics **618.92+**
surgery **617.46**
organs
anatomy
vet. sci. **636.089+**
zoology 591.44–.46
see also spec. animals
man **611.6**
diseases *see* Urogenital disorders
physiology *see spec. systems*
Urology
anatomy
animals
vet. sci. **636.089+**
zoology 591.44
see also spec. animals
man **611.6**
diseases
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.61–.63**
pediatrics **618.92+**
surgery **617.46**
Urology (continued)
physiology
animals
vet. sci. **636.089+**
zoology 591.14
see also spec. animals
man **612.46**
Ursidae
paleozoology 569.74
zoology 599.744 46
Ursulines
history 271.974
see also Religious congregations
Urticaceae *see* Urticales
Urticales
botany 583.962
floriculture 635.933+
Urticaria
allergenic *see* Allergies
gen. *see* Papular eruptions
Uruguay (country) *area* **–895**
Uruguay River
gen. wks. *area* –822
Uruguay *area* **–895**
Usak Turkey *area* –562
Ustilaginales
botany 589.227
paleobotany 561.92
Usury *see* Interest rates
Utah (state) *area* **–792**
Utah Co. Utah *area* –792 24
Ute *see* Macro-Penutian
Uterus
anatomy *see* Reproductive organs
diseases *see* Gynecology
physiology *see* Reproduction
Utilitarianism
economics *see* Economic systems
philosophy
ethics 171.5
gen. wks. 144.6
Utility
lines
installation
area planning 711.8
engineering 625.78
see also spec. kinds
Utopias *see* Ideal states
Utrecht Netherlands *area* –492 3

Uttar Pradesh India *area* –542
Uusimaa Finland *area* –471 1
Uvalde Co. Tex. *area* –764 43
Uvea
anatomy
animals
vet. sci. 636.089+
zoology 591.48
see also spec. animals
man 611.84
diseases *see* Uveal disorders
physiology
animals
vet. sci. 636.089+
zoology 591.18
see also spec. animals
man 612.842
Uveal
disorders
animals
vet. sci. 636.089+
zoology 591.2
see also spec. animals
man 617.72
Uvula *see* Mouth
Uzbekistan USSR *area* –587

V

Vaasa Finland *area* –471 3
Vacation
Bible schools *see* Religious training
Vaccination *see* Immunization
Vaccines *see* Serums
Vaccinia *see* Eruptive fevers
Vacciniaceae *see* Ericales
Vaccinium *see* Blueberries
Vacuoles *see* Cytology
Vacuum
cleaners *see* Household appliances
lamps *see* Electric lighting
metalizing *see* Surface finishing
metallurgy *see* Metallurgy
production
engineering
economics 338.47+
Vacuum
production
engineering (continued)
technology
gen. wks. 621.55
see also spec. branches
physics **533.5**
pumps *see* Pumps
technology *see* Vacuum production
tubes *see* Electronic tubes
Vagina
anatomy *see* Reproductive organs
diseases *see* Gynecology
physiology *see* Reproduction
Vaginal
medication *see* Membrane medication
Vaginectomies *see* Gynecology
Vaginiperineotomies *see* Pubiotomies
Vaginitis *see* Gynecology
Vagrancy *see* Offenses
Val
d'Aosta Italy *area* –451 1
Verde Co. Tex. *area* –764 88
Valais Switzerland *area* –494 7
Valdez Chitina Whittier election district Alaska *area* –798 3
Valdivia Chile *area* –835
Valences
chemistry
gen. wks. †541.224
organic †547.1+
Valencia, Spain *area* –467 6
Valencia Co. N.M. *area* –789 92
Valenciennes
lace *see* Openwork fabrics
Valerian *see* Valerianales
Valerianaceae *see* Valerianales
Valerianales
botany 583.53
floriculture 635.933+
Validity
sampling *see* Statistical method
Valises *see* Luggage
Valladolid Spain *area* –462 3

Valle
d'Aosta Italy *see* Val d'Aosta
del Cauca Colombia *area* –861 5
Valley Co.
Ida. *area* –796 76
Mont. *area* –786 17
Neb. *area* –782 48
Valley
breezes *see* Winds
Valleys
geography
gen. wks. 910.091+
physical †910.02+
geology 551.4
regional history 909.09+
regional subj. treatment *area* –14
see also spec. areas
Valor *see* Courage
Valparaiso Chile *area* –832
Valréas France *area* –449 2
Value
psychology 153.45
see also *s.s.*–013
Values
metaphysics 121.8
see also other spec. aspects
Valves (electronic)
engineering
economics 338.47+
technology 621.381 5
see also spec. branches
physics **537.53**
Valves (mechanical)
engineering
economics 338.47+
technology
gen. wks. 621.84
see also spec. branches
see also spec. applications
Valvifera *see* Isopoda
Valvular
diseases *see* Cardiac disorders
Vampires *see* Demonology
Vampyromorpha
culture 639.48+
paleozoology 564.55
zoology 594.55
Van Turkey *area* –566 2
Vanadates
chemistry *see* Vanadium compounds
minerals *see* Vanadium geology
Vanadinite
mineralogy 549.72
see also Vanadium geology
Vanadium
compounds
chemistry 546.522
manufacture 661.05+
fabrication *see* Vanadium industries
geology
gen. wks. 553.462
mineralogy
gen. wks. 549.72
see also spec. minerals
industries
extractive
metallurgy 669.732
mining 622.346+
manufacturing
economics 338.47+
technology 673.73+
metallography *see* Vanadium properties
mineralogy *see* Vanadium geology
mining *see* Vanadium industries
products *see spec. subj.*
properties
chemistry 546.522
engineering 620.189 3+
metallography 669.957+
see also Radiochemistry
steel *see* Iron alloys
Van Allen
radiation belts *see* Ionosphere
Van Buren Co.
Ark. *area* –767 29
Ia. *area* –777 98
Mich. *area* –774 13
Tenn. *area* –768 657
Vance Co. N.C. *area* –756 53
Vancouver Isl. B.C. *area* –711 34
Vandalism *see* Offenses

Van de Graaff
generators *see* Particle acceleration
Vanderburgh Co. Ind. *area* –772 33
Vanilla
extract
food
cookery *see spec. dishes*
gen. wks. 641.338+
manufacture
economics 338.47+
technology 664.52
marketing 658.809+
plants
agriculture
economics 338.17+
technology 633.82
processing *see spec. products*
see also Orchidales
Vanity *see* Evils
Vans *see* Motor vehicles
Van Wert Co. O. *area* –771 41
Van Zandt Co. Tex. *area* –764 276
Vapor
plating *see* Surface finishing
pressure
physics **536.44**
see also Physical transformations
Vaporization *see* Physical transformations
Vapor-phase
deposition *see* Surface finishing
Vapor-pressure
lowering *see* Colligative properties
Var France *area* –449 3
Vardar Macedonia *area* –497 6
Varese Italy *area* –452 2
Variable
stars
astronomy
descriptive **523.84**
theoretical 521
see also ***s.s.*–015+**
Variations
biology *see* Genetics
calculus
gen. wks. 517.4
see also *s.s.*–015+
Variations (continued)
music
gen. wks. 781.5
see also spec. mediums
Varicella *see* Eruptive fevers
Varicose
veins *see* Vascular disorders
Variety
shows *see* Drama
stores *see* Retail marketing
Variola
major *see* Eruptive fevers
Varix *see* Vascular disorders
Varmland Sweden *area* –487
Varnishes
manufacture
economics **338.47+**
technology **667.7**
marketing **658.809+**
see also spec. applications
Varnishing
woodwork *see* Trims
Vasa
previa *see* Dystocia
Vascongadas Spain *see* Basque Provinces
Vascular
cryptogams *see* Pteridophyta
disorders
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
gen. wks. **616.13–.14**
surgery **617.413–.414**
see also Cerebrovascular disorders
system *see* Circulation
Vases *see* Containers
Vasopressin *see* Endocrine drugs
Vassal
states *see* Dependent states
Vasterbotten Sweden *area* –488
Vasternorrland Sweden *area* –488
Vastmanland Sweden *area* –487
Vat
dyes *see* Dyes
Vatican City *area* –456 34
Vatican (The) *see* Papacy

Vats
wooden *see* Cooperage
Vaucluse France *area* –449 2
Vaud Switzerland *area* –494 3
Vaudeville *see* Drama
Vaudreuil Co. Que. *area* –714 26
Vaulted
roofs *see* Roofs
Vaulting *see* Track athletics
Vaulting-poles *see* Recreational equipment
Vaults
mortuary *see* Tombs
structural elements
architecture 721.43
construction
economics 338.47+
technology
buildings 690.1+
gen. wks. 624.177
see also spec. structures
Vaupés Colombia *area* –861 6
Veal *see* Red meats
Vectors (disease) *see* Disease carriers
Vectors (quantities)
mathematics
algebra 512.895
analysis 516.83
see also *s.s.*–015+
mechanics
gen. wks. 531.11
see also spec. branches
Vedas
literature 891.2
religion 294.1
Vedic *see* Sanskrit
Vegetable
fats *see* Fats
gardening *see* Garden crops
juices *see* Soft drinks
manures *see* Green manures
marrow *see* Cucurbita
oils *see* Fixed oils
oysters *see* Salsify
waxes *see* Waxes
Vegetable-derived
drugs *see* Botanical drugs
Vegetables
field crops *see* Field crops
garden crops *see* Garden crops
Vegetative
generation *see* Reproduction
Vehicles
architectural design 725.99
construction
economics **338.47+**
technology
gen. wks. **629**
military **623.74**
marketing **658.809+**
see also Ships
Vehicular
pavements *see* Pavements
transportation *see* Transportation services
tunnels *see* Tunnels
Veils *see* Dress accessories
Veins
animals *see* Blood vessels
man *see* Blood vessels
mineral *see* Mineral veins
plants
anatomy 581.41
physiology 581.11
see also spec. plants
Vejle Denmark *area* –489 5
Velloziaceae *see* Haemodorales
Vellum
papers *see* Paper products
Velocipedes *see* Cycles (vehicles)
Velocity
physics
light 535.24
mechanics
gases **533.27**
liquids 532.57
sound waves 534.202
see also spec. applications
Velours *see* Fancy-weave fabrics
Velveteens *see* Fancy-weave fabrics
Velvets *see* Fancy-weave fabrics
Venango Co. Pa. *area* –748 96

Vendée France *area* –446 1
Vending
machines
engineering *see* Open-loop control systems
marketing *see* Distribution channels
Veneering
arch. decoration 729.6
see also Woodcrafts
Veneers
manufacture
economics 338.47+
technology 674.833
materials
construction 691.1
engineering 620.12
see also spec. applications
Venereal
diseases
medicine **616.951**
pediatrics **618.92+**
pub. health **614.547**
Venesection *see* Historic remedies
Venetia Italy *see* Veneto
Veneto Italy
ancient *area* –373
modern ***area* –453**
Venezia Italy *area* –453 1
Venezuela ***area* –87**
Venial
sin *see* Sins
Venison *see* Game food
Ventilating
equipment
ind. management 658.25
manufacture *see spec. items*
Ventilation
engineering
gen. wks. 697.92
mines 622.42
see also other spec. applications
ind. management 658.25
specific structures
households 644.5
libraries 022.8
museums 069.3
schools *see* School buildings
Ventricles *see* Heart
Ventriloquism *see* Magic arts
Ventura Co. Calif. *area* –794 92
Venus (planet)
astronomy
descriptive 523.42
theoretical 521.5
see also *s.s.*–015+
Venus
fly traps *see* Sarraceniales
Veracruz Mexico *area* –726
Verandas *see* Porches
Verbenaceae
botany 583.88
floriculture 635.933+
Verbenas *see* Verbenaceae
Vercelli Italy *area* –451 7
Verchères Co. Que. *area* –714 36
Verd antique
mineralogy 549.67
see also Building stones
Verium *see* Francium
Vermes
paleozoology 565.1
zoology **595.1**
see also Worm infestations
Vermicelli *see* Pastas
Vermicides *see* Pesticides
Vermiculite
geology
gen. wks. 553.67
mineralogy 549.67
mineralogy *see* Vermiculite geology
see also Refractory materials
Vermiform
appendix *see* Intestines
Vermifuges *see* Gastroenteric drugs
Vermilion
Co. Ill. *area* –773 65
Par. La. *area* –763 51
Vermillion Co. Ind. *area* –772 46
Vermont ***area* –743**
Vernon
Co.
Mo. *area* –778 44
Wis. *area* –775 73
Par. La. *area* –763 61
Verona Italy *area* –453 4
Versification *see* Prosody

Versions
fetal *see* Obstetrical surgery
linguistic *see spec. subj.*
Vertebrae *see* Bones
Vertebral
column *see* Bones
Vertebrates
paleozoology 566
zoology **596**
Vertical-lift
bridges *see* Movable bridges
Vervains *see* Verbenaceae
Vesical
calculi *see* Urinary disorders
Vesicants *see* External medicinals
Vesicular
eruptions
animals
gen. wks. **636.089+**
see also spec. animals
man
medicine **616.52**
pediatrics **618.92+**
see also Allergies
Vesper
Psalms *see* Psalms
Vespers *see* Divine Office
Vespidae
paleozoology 565.79
zoology 595.798
Vessels (aircraft) *see* Aircraft (vehicles)
Vessels (containers) *see* Containers
Vessels (ships) *see* Ships
Vesta (planet) *see* Minor planets
Vest-Agder Norway *area* –482
Vestfold Norway *area* –482
Vestibular
perceptions *see* Proprioceptive perceptions
Vestibule *see* Internal ear
Vestments
art **746**
manufacture
economics 338.47+
technology 687.15
Vestments (continued)
religion
Christian 247.7
gen. wks. 291.37
see also other spec. rel.
Vetches
agriculture
economics 338.17+
technology **633.35**
fodder
gen. wks. 636.086
see also spec. animals
see also Leguminosae
Veterans'
benefits *see* Postmilitary benefits
Day *see* Holidays
homes *see* Welfare
hospitals *see* Hospitals
Veterans of Foreign Wars *see* Military societies
Veterinary
anatomy *see* Anatomy
bacteriology *see* Medical bacteriology
entomology *see* Ectoparasitic diseases
helminthology *see* Worm infestations
hospital buildings *see* Health buildings
mycology *see* Medical mycology
physiology *see* Physiology
protozoology *see* Medical protozoology
sciences
gen. wks. **636.089**
see also spec. animals
services
mil. sci. *see* Special services
virology *see* Medical virology
Viaducts *see* Bridges
Viana do Castelo Portugal *area* –469 12
Viaticum *see* Sacraments
Viborg Denmark *area* –489 5
Vibraphones *see* Percussion instruments

Vibrations
engineering
gen. wks. **†620.2–.3**
see also spec. branches
mechanics
solids 531.383
see also spec. branches
sound **534.1**
therapy *see* Mechanotherapy
Vicarages *see* Parsonages
Vicars *see* Clergy
Vice
control *see* Public morals
squad *see* Police
Vicenza Italy *area* –453 5
Vice-presidents *see* Chief executives
Vices *see* Evils
Vichada Colombia *area* –861 3
Vicia
faba *see* Broad beans
sativa *see* Vetches
Victoria, Australia *area* –945
Victoria
Co.
N.B. *area* –715 53
N.S. *area* –716 93
Ont. *area* –713 64
Tex. *area* –764 125
Falls Rhodesia
gen. wks. *area* –†689 1
see also other areas
Nyanza
gen. wks. *area* –678 2
see also other areas
Vicuña
woolens *see* Specialty textiles
Vicuñas *see* Llamas
Video *see* Television
Vielles *see* Viols
Vienna Austria *area* –436 13
Vienne France *area* –446 3
Vietnam *area* –†597
Vietnamese *see* Austroasian
Viewfinders
fine arts 701.8
photography *see* Cameras
Vigna
sinensis
field crops *see* Cowpeas
garden crops *see* Black-eyed peas
Vigo Co. Ind. *area* –772 45
Viking
ships *see* Historic ships
Vila Real Portugal *area* –469 2
Vilas Co. Wis. *area* –775 23
Village
governments *see* Local governments
Villages *see* Communities
Villas *see* Residential buildings
Vinayapitaka *see* Tripitaka
Vincentians *see* Lazarists
Vincent's angina *see* Buccal diseases
Vindhya Pradesh India *area* –†543
Vindication
military *see* Defense operations
religion *see* Theodicy
Vinegar
flies
agricultural pests 632.7+
culture 638.57+
see also Cyclorrhapha
Vinegars
chemistry *see* Acids
nutrition 641.338
processing
economics 338.47+
technology 664.55
see also spec. uses
Vines
botany
herbaceous 582.14
woody 582.18
see also spec. plants
landscaping
herbaceous 716
woody 715.4
see also Mesophytes
Vineyards *see* Grapes
Vinton Co. O. *area* –771 837
Vinylidene
chlorides
gen. wks. *see* Aliphatic compounds

Vinylidene
chlorides (continued)
plastics *see* Polymerization plastics
Vinyls
gen. wks. *see* Aliphatic compounds
plastics *see* Polymerization plastics
textiles *see* Polymerization textiles
Vinyons *see* Polymerization textiles
Violaceae *see* Violales
Violales
botany 583.135
floriculture 635.933+
Violas
manufacture
economics 338.47+
technology 681.81+
music **787.2**
Violets *see* Violales
Violins
manufacture
economics 338.47+
technology 681.81+
music **787.1**
Violoncellos
manufacture
economics 338.47+
technology 681.81+
music **787.3**
Violones *see* Contrabasses
Viols
manufacture
economics 338.47+
technology 681.81+
music **787.42**
Viral
diseases
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
gen. wks. 574.2
man
gen. wks. **616.92**
pediatrics **618.92+**
pub. health 614.5
Viral
diseases (continued)
plants
agriculture 632.8
botany 581.234
see also spec. plants
Vireonidae
paleozoology 568.8
zoology 598.87
Vireos *see* Vireonidae
Virgin Mary *see* Mariology
Virgin Isls. West Indies *area* **–729 72**
Virginals *see* Keyboard string instruments
Virginia *area* **–755**
Virginia Beach Va. *area* –755 51
Virginia
reel *see* Dancing
Virginity
of Mary *see* Mariology
Virginium *see* Francium
Virology *see* Viruses
Virtues
ethics 179.9
religion
Christian 241.4
gen. wks. 291.5
see also other spec. rel.
see also Angelology
Viruses
biology **576.64**
medicine *see* Medical virology
Visas
laws †340
pol. sci. 323.67
Visayan Isls. Philippines *area* –914 5
Visceral
leishmaniasis *see* Protozoan infections
perceptions *see* Proprioceptive perceptions
Viscose *see* Cellulosics
Viscosity
crystals 548.842
matter
engineering
materials 620.112
structures 624.171
see also spec. kinds
physics 531.382

Viscosity (continued)
solutions
chem. eng. 660.29+
chemistry
gen. wks. 541.341 3
organic 547.1+
see also spec. applications
see also Deformation
Viscountesses *see* Aristocracy
Viscounts *see* Aristocracy
Viseu Portugal *area* –469 31
Visible
light *see* Optics
Visiting-nurses *see* Nursing
Visits
of state *see* Official ceremonies
Visual
disorders *see* Defective vision
perception *see* Optics
spectrum *see* Chromatic spectrum
Vitaceae *see* Grapes
Vital
functions *see* Physiology
phenomena *see* Life
statistics *see* Demography
Vitalism
biology 577.6
philosophy 147
Vitamin
therapy *see* Dietotherapy
Vitamins
biochemistry *see* Biochemistry
chemistry 547.74
nutrition *see* Nutrition practices
pharmacology
gen. wks. 615.328
veterinary 636.089+
see also spec. applications
Viterbo Italy *area* –456 25
Vitreous
humor *see* Eyeball
Viverridae
paleozoology 569.74
zoology 599.744 22
Viverrines
conservation 639.97+
culture 636.97+
Viverrines (continued)
hunting
industries 639.11+
sports 799.277+
see also Viverridae
Vivisection
ethics 179.4
laws †340
med. sci. 612.072
vet. sci.
gen. wks. 636.089+
see also spec. animals
Vizcaya Spain *area* –466 3
Vladimir RSFSR *area* –473 1
Vocal
chamber music *see* Choral music
cords
anatomy *see* Respiratory organs
diseases *see* Respiratory diseases
physiology *see* Speech organs
expressions
ethics 177.2
etiquette 395
physiology
animals
vet. sci. 636.089+
zoology 591.18
gen. wks. 574.18
man 612.78
psychology
animals †156.2+
gen. wks. †152.384 2
rhetoric 808.5
music *see* Songs
Vocation
religious *see* Monastic life
Vocational
education
adults †374.013
young people †373.246
see also **s.s.–07**
guidance *see* Vocational interests
interests
education
gen. wks. 371.425
see also spec. levels of ed.

Vocational
interests (continued)
psychology †158.6
see also Aptitudes
schools *see* Vocational ed.
Vochysiaceae *see* Polygalales
Vodka *see* Spirits (alcoholic)
Voice
gen. wks. *see* Vocal expressions
music *see* Songs
recording & reproducing *see* Electroacoustical devices
Vojvodina Yugoslavia *area* –†497 1
Volapük *see* Artificial languages
Volatile
oils *see* Essential oils
Volatilization
analytic *see* Thermogravimetric analysis
gen. *see* Physical transformations
Volcanic
eruptions *see* Volcanoes
rocks
gen. wks. 552.2
see also spec. aspects
Volcanoes
geography
gen. wks. †910.02
see also spec. places
geology 551.21
history
gen. wks. 904.5
see also spec. places
see also Disasters
Volcanology *see* Volcanoes
Volga River USSR ***area* –478**
Volgograd RSFSR *area* –478 5
Volition *see* Will
Volleyball
activity *see* Net (texture) games
equipment *see* Recreational equipment
Vologda RSFSR *area* –472
Voltage
detectors *see* Potential measurements
Voltage (continued)
measurements *see* Potential measurements
multipliers *see* Particle acceleration
regulators *see* Transformers
standards *see* Measurements
Voltaic
cells *see* Batteries
Voltameters *see* Current measurements
Voltammeters *see* Power measurements
Voltmeters *see* Potential measurements
Volumetric
analysis
gen. wks. 545.2
organic chem. 547.35+
geometry *see* Solid geometry
Voluntarism
philosophy 141
see also spec. philosophers
Voluntary
actions *see* Will
chain stores *see* Retail marketing
revenues *see* Nontax revenues
Volusia Co. Fla. *area* –759 21
Volvocales *see* Chlorophyta
Voodooism *see* Witchcraft
Vorarlberg Austria *area* –436 45
Voronezh RSFSR *area* –473 5
Vortex
motion
physics
mechanics
gases 533.29+
liquids 532.595
solids 531.35
see also spec. applications
Vosges France
dept. *area* –443 9
Mountains *area* –443 8
Voting
laws †340
pol. sci. †324.24
Voting-machines
manufacture
economics 338.47+

Voting-machines
manufacture (continued)
technology 681.14
marketing 658.809+
see also Voting
Votyak *see* Finnic
Voyages *see* Travels
Vulcanism *see* Volcanoes
Vulcanization
paper *see* Paper products
rubber *see* Elastomers
Vultures
agricultural pests 632.6+
hunting
industry 639.12+
sports 799.248+
see also Falconiformes
Vulva
anatomy *see* Reproductive organs
diseases *see* Gynecology
physiology *see* Reproduction

W

Wabash
Co.
Ill. *area* –773 78
Ind. *area* –772 83
River
gen. wks. *area* –772 **4**
see also other areas
Wabasha Co. Minn. *area* –776 13
Wabaunsee Co. Kan. *area* –781 61
Wade Hampton election district Alaska *area* –798 6
Wadena Co. Minn. *area* –776 87
Wafers
electronics *see* Printed circuits
food *see* Bakery products
Waffle
irons *see* Household appliances
Waffle-iron
cookery *see* Special-equipment cookery
Wage
contracts *see* Wages
Wagers *see* Gambling
Wages
administration
business **†658.32**
government
gen. wks. **350.123**
see also spec. levels of govt.
economics **331.2**
Wagoner Co. Okla. *area* –766 87
Wagons *see* Wheeled supports
Wagtails (birds) *see* Motacillidae
Wahkiakum Co. Wash. *area* –797 91
Waiters *see* Domestic employees
Waitresses *see* Domestic employees
Wakayama Japan *area* –521 8
Wake
Co. N.C. *area* –565 5
Isl. *area* –965
Wakefulness *see* Insomnia
Wakes (aqueous) *see* Wave motions
Wakes (funeral) *see* Funeral rites
Wakulla Co. Fla. *area* –759 89
Walachia Romania *area* –498 2
Walcott (lake) Ida.
gen. wks. *area* –796 39
see also other areas
Waldeck Germany *area* –†434 1
Waldensian
Church 284.4
see also Heresies
Waldo Co. Me. *area* –741 5
Wales ***area* –429**
Walker Co.
Ala. *area* –761 76
Ga. *area* –758 33
Tex. *area* –764 169
Walkie-talkies *see* Broadcasting stations
Walking (activity) *see* Outdoor life
Walking
canes
customs 391.44
manufacture
economics 338.47+
technology 688

Walking (continued)
sticks (insects)
culture 638.57+
see also Phasmatodea
Walkouts
labor *see* Union-management disputes
sociology *see* Group behavior
Walks *see* Trafficways
Walla Walla Co. Wash. *area* –797 48
Wallabies *see* Marsupials
Wallace Co. Kan. *area* –781 12
Wallboards *see* Pulp products
Wallenpaupeck (lake) Pa.
gen. wks. *area* –748 23
see also other areas
Waller Co. Tex. *area* –764 249
Wallis & Futuna Isls. *see* New Caledonia
Wallowa
Co. Ore. *area* –795 73
Mts. Ore.
gen. wks. *area* –795 7
see also other areas
Wallpaper
crafts 745.54
interior decoration
art 747.3
home econ. 645.2
manufacture
economics 338.47+
technology 676.284 8
see also Paperhanging
Wallpapering *see* Paperhanging
Walls
element
architecture 721.2
construction
economics 338.47+
technology 694.22
interior decoration
art 747.3
home econ. 645.2
painting 698.142
structures
architecture 725.96
construction
economics 338.47+
Walls
structures
construction (continued)
technology
buildings 690.1+
gen. wks. 624.16
farming 631.27
landscape element 717
Walnut
trees
culture 635.977 3+
forestry 634.973+
see also Juglandales
Walnuts
agriculture
economics 338.17+
technology 634.51
food 641.34+
marketing 658.809+
processing *see spec. products*
see also Juglandales
Walpole Isl. *see* New Caledonia
Walruses
conservation 639.97+
culture 636.9+
hunting
industries
economics 338.372+
technology 639.11+
sports 799.277+
see also Odobenidae
Walsh Co. N.D. *area* –784 18
Walthall Co. Miss. *area* –762 22
Walton Co.
Fla. *area* –759 97
Ga. *area* –758 21
Waltz *see* Dancing
Walvis Bay South Africa *area* –688
Walworth Co.
S.D. *area* –783 18
Wis. *area* –775 89
Wandsworth London *area* –421 6
Want
ads *see* Serial advertising
Wapello Co. Ia. *area* –777 93
Wapsipinicon River Ia.
gen. wks. *area* –777 **6**
see also other areas

War
crime
trials *see* War crimes
crimes
criminology 364.138
law 341.41
see also hist. of spec. wars
customs
gen. wks. 399
see also hist. of spec. wars
dances *see* War customs
departments *see* Executive departments
memorial
buildings *see* Memorial buildings
neuroses *see* Hysterias
prevention
international law **341.6**
see also Peace movements
prisoners
customs *see* War customs
international law 341.33
labor economics 331.584
mil. sci. 355.129 5
penology 365.45
welfare services 361.53
see also hist. of spec. wars
risk
insurance
accident **†368.384**
life **368.364**
property loss **368.14**
see also Financial institutions
songs *see* National songs
see also Warfare
Warblers *see* Sylviidae
Ward Co.
N.D. *area* –784 63
Tex. *area* –764 914
Ward
nursing *see* Nursing
Ware Co. Ga. *area* –758 794
Warehouse
buildings *see* Storage buildings
districts *see* Commercial areas
Warehouse (continued)
salesmanship *see* Salesmanship
Warehousing *see* Storage methods
Warfare
international law **341.3**
mil. sci. **355–359**
see also hist. of spec. wars
Warm
fronts *see* Atmospheric formations
Warm-air
heating
gen. wks. **697.3**
see also spec. applications
Warning
systems *see* Alarm systems
Warren Co.
Ga. *area* –758 625
Ill. *area* –773 415
Ind. *area* –772 96
Ia. *area* –777 82
Ky. *area* –769 74
Miss. *area* –762 29
Mo. *area* –778 386
N.J. *area* –749 78
N.Y. *area* –747 51
N.C. *area* –756 52
O. *area* –771 76
Pa. *area* –748 67
Tenn. *area* –768 65
Va. *area* –755 97
Warrick Co. Ind. *area* –772 32
Wars
history
gen. wks. 904.7
see also spec. wars
mil. sci.
analysis
gen. wks. 355.48
see also spec. mil. branches
see also other spec. aspects
religious causes *see* Religious wars
sociological effects **301.24**
Warsaw Poland *see* Warszawa
Warsaw Pact
defense 355.031
organization 341.18+
see also spec. services

Warships
construction & eng. **623.825**
mil. sci. **359.32+**
Warszawa Poland *area* –†438 4
Wart
hogs
conservation 639.97+
culture 636.97+
hunting
industries 639.11+
sports 799.277+
see also Suiformes
Wartime
trade *see* Trade (activity)
Warwick Co.
Eng. *area* –424 8
Va. *area* –†755 416
Wasatch
Co. Utah *area* –792 23
Range
gen. wks. ***area* –792 2**
Ida. *area* –796 44
Wasco Co. Ore. *area* –795 62
Waseca Co. Minn. *area* –776 195
Wash
painting *see* Painting arts
paintings *see* Paintings
Washabaugh Co. S.D. *area* –783 64
Washakie Co. Wyo. *area* –787 34
Washburn Co. Wis. *area* –775 15
Washing
crops *see* Terminal operations
dishes *see* Dishwashing
livestock *see* Grooming livestock
textiles *see* Laundering
Washing-machines
manufacture *see* Household appliances
marketing 658.809+
plumbing 696.183
Washington (state) ***area* –797**
Washington, D.C. *area* –753
Washington
Co.
Ala. *area* –761 24
Ark. *area* –767 14
Colo. *area* –788 79
Fla. *area* –759 96
Ga. *area* –758 67
Ida. *area* –796 25
Washington
Co. (continued)
Ill. *area* –773 88
Ind. *area* –772 22
Ia. *area* –777 92
Kan. *area* –781 27
Ky. *area* –769 49
Me. *area* –741 4
Md. *area* –752 91
Minn. *area* –776 59
Miss. *area* –762 42
Mo. *area* –778 64
Neb. *area* –782 245
N.Y. *area* –747 49
N.C. *area* –756 165
O. *area* –771 98
Okla. *area* –766 96
Ore. *area* –795 43
Pa. *area* –748 82
R.I. *area* –745 9
Tenn. *area* –768 97
Tex. *area* –764 245
Utah *area* –792 48
Vt. *area* –743 4
Va. *area* –755 725
Wis. *area* –775 91
Par. La. *area* –763 11
Washita
Co. Okla. *area* –766 42
River
gen. wks. ***area* –766 5**
see also other areas
Washoe Co. Nev. *area* –793 55
Washrooms *see* Lavatories
Washtenaw Co. Mich. *area* –774 35
Wasps
agricultural pests 632.7+
culture 638.57+
see also Vespidae
Waste
disposal
engineering *see* Waste treatment
govt. control 352.95
pub. health 614.76
salvage
management 658.567
products *see* Waste ultilization
see also spec. industries

Waste (continued)
treatment
engineering
economics 338.47+
technology 628.54
pub. health 614.76
ultilization
economics 338.47+
technology
gen. wks. 679.9
see also spec. products
Wasteland
economics
gen. wks. 333.73
see also Real-estate
reclamation *see* Land reclamation
Watauga
Co. N.C. *area* –756 84
Res. Tenn.
gen. wks. *area* –768 984
see also other areas
Watch-animals *see* Working animals
Watchcases
art metalwork 739.3
see also Horology
Watches *see* Timepieces
Water
analysis *see* Sanitary analysis
bears *see* Aschelminthes
beetles
agricultural pests 632.7+
culture 638.57+
see also Adephaga
bodies
economics *see* Water supply
engineering *see* Hydraulic engineering
geography
gen. wks. 910.091+
physical †910.02+
geology
activities 551.35–.36
morphology 551.46–.49
resources 553.7
landscape elements 714
regional history 909.09+
regional subj.
treatment *area* –166–169
Water
bodies (continued)
safety measures *see* Safety measures
buffaloes
conservation 639.97+
culture 636.293
hunting
industries 639.11+
sports 799.277+
see also Bovoidea
chemistry 546.22
clocks *see* Timepieces
clovers *see* Filicales
conservation
agriculture
economics
policies 333.912–.915
production 338.27+
technology 631.7
engineering *see* Water reclamation
cress *see* Cresses
games
customs 394.3
sports 797.25
gardens
culture
gen. wks. 635.967 4
see also spec. plants
landscaping 714
gas *see* Industrial gases
heaters
manufacture *see* Household appliances
plumbing 696.6
hyacinths *see* Liliales
lilies *see* Ranales
metabolism *see* Mineral metabolism
mills *see* Waterwheels
molds *see* Saprolegniales
nutrition *see* Nutrition practices
pageants
customs 394.3
performance 797.203
plantains *see* Alismatales
plants *see* Hydrophytes
pollution *see* Water supply
polo *see* Water games
poppies *see* Butomales

Water (continued)
purification *see* Water supply engineering
reclamation
agriculture *see* Water conservation
engineering
economics 338.47+
technology 627.56
safety *see* Safety measures
shields (plants) *see* Ranales
sports *see* Aquatic sports
storage
flood control *see* Flood control
gen. wks. *see* Water supply
supply
economics
production 338.27+
resources 333.912–.915
engineering
economics 338.47+
technology
military 623.751
municipal 628.1
rural 628.72
see also other spec. branches
see also Plumbing
geology *see* Water bodies
govt. control
gen. wks. 350.871
services 363.61
see also spec. levels of govt.
pub. health 614.772
temperatures *see* Temperatures
transportation *see* Transportation services
treatment *see* Water supply engineering
Water-color
painting *see* Painting arts
paintings *see* Paintings
Water-control
engineering *see* Hydraulic engineering
Water-culture
crops *see* Soilless culture
Wateree River S.C.
gen. wks. *area* –757 69
see also other areas
Waterfalls *see* Water bodies
Waterford Ireland *area* –419 1
Waterfowl *see* Birds
Waterleaf *see* Polemoniales
Waterless
cookery *see* Special-equipment cookery
Waterloo Co. Ont. *area* –713 44
Watermelons
agriculture
economics 338.17+
technology 635.615
food 641.35+
marketing 658.809+
processing *see spec. products*
see also Cucurbitales
Water-power
engineering *see* Hydraulic-power engineering
Water-pressure
engines *see* Engines
Waterproof
construction *see* Resistant construction
fabrics *see* Water-repellent fabrics
Water-repellent
fabrics
manufacture
economics 338.47+
technology 677.682
marketing 658.809+
see also spec. applications
Water-soluble
paints *see* Paints
Waterspouts *see* Storms
Water-supply
lines *see* Utility lines
reserves
area planning 719.33
geography *see spec. areas*
land economics 333.91
structures *see* Sanitary engineering
Waterton-Glacier Internat. Peace Park
gen. wks. *area* –786 52
see also other areas

Waterways
engineering *see* Hydraulic engineering
geology *see* Water bodies
transportation *see* Transportation services
Waterwheels
engineering
gen. wks. †621.21
see also spec. applications
Waterworks *see* Water supply
Waterworts *see* Caryophyllales
Watonwan Co. Minn. *area* –776 29
Watt-hour
meters *see* Energy measurements
Wattmeters *see* Power measurements
Waukesha Co. Wis. *area* –775 93
Waupaca Co. Wis. *area* –775 38
Waushara Co. Wis. *area* –775 57
Wave
guides
engineering
gen. wks. 621.381 331
see also spec. branches
physics 537.534
see also Electromagnetic theories
mechanics
chemistry *see* Quantum chemistry
physics
gen. wks. 530.124
see also spec. branches
motions
physics
mechanics
gases 533.29+
liquids 532.593
solids 531.33
see also other spec. branches
see also spec. applications
theories
physics
gen. wks. 530.12
light 535.13
see also spec. applications
Waves
ocean *see* Marine waters
Wax
beans *see* Garden beans
painting *see* Painting arts
paintings *see* Paintings
papers *see* Paper products
sculpture 736.93
technology *see* Waxes
Waxes
chemistry 547.43+
marketing 658.809+
pharmacology
gen. wks. 615.3
veterinary 636.089+
production
economics 338.47+
technology 665.1
see also spec. products
Waxing
woodwork *see* Trims
Waxwings *see* Bombycillidae
Wayne Co.
Ga. *area* –758 756
Ill. *area* –773 792
Ind. *area* –772 63
Ia. *area* –777 88
Ky. *area* –769 64
Mich. *area* –774 33
Miss. *area* –762 57
Mo. *area* –778 92
Neb. *area* –782 57
N.Y. *area* –747 87
N.C. *area* –756 395
O. *area* –771 61
Pa. *area* –748 23
Tenn. *area* –768 39
Utah *area* –792 54
W.Va. *area* –754 47
Waynesboro Va. *area* –755 91
Weakley Co. Tenn. *area* –768 24
Wealth
economics 339
govt. control
gen. wks. 350.82
see also spec. levels of govt.
see also Social classes
Wealthy
people
psychology †155.9
see also Social classes

Weapons *see* Arms
Weapons-carriers *see* Heavier-than-air aircraft
Weasel
spiders
agricultural pests 632.6+
culture 639.7
see also Solifugae
Weasels *see* Mustelines
Weather
folklore
hist. & criticism 398.362
legends 398.2
physical geology †551.6
Weather-commands *see* Air forces
Weathering
materials *see* Deterioration
soils *see* Soil erosion
Weatherings
installation 695.96
manufacture *see spec. materials*
Weather-satellites *see* Artificial satellites
Weaver
finches *see* Ploceidae
Weaverbirds *see* Ploceidae
Weaving
crafts 746.1
industry 677.028 24
study & teaching
elementary ed. 372.55
see also **s.s. –07**
Webb Co. Tex. *area* –764 46
Weber Co. Utah *area* –792 28
Webster
Co.
Ga. *area* –758 916
Ia. *area* –777 51
Ky. *area* –769 88
Miss. *area* –762 697
Mo. *area* –778 82
Neb. *area* –782 374
W.Va. *area* –754 65
Par. La. *area* –763 96
Wedding
music
gen. wks. 783.29
see also spec. mediums
rites *see* Marriage rites
Wedges *see* Simple machines
Weed
killers *see* Pesticides
Weeders
agriculture
gen. wks. 631.315
see also Tillage
manufacture
economics 338.47+
technology 681.7
marketing 658.809+
Weeds
agricultural pests 632.58
botany
gen. wks. †581.65
see also spec. plants
Weeks (feast of) *see* Holy days
Weevils
agricultural pests 632.7+
culture 638.57+
see also Curculionoidea
Weight
gaining programs *see* Underweight people
lifting *see* Gymnastics
losing programs *see* Overweight people
Weights *see* Metrology
Weimaraners *see* Gun dogs
Weirs
hydraulic eng. 627.883
see also Hydrodynamics
Weld Co. Colo. *area* –788 72
Welding
metals
arts 739.14
shipbuilding *see* Hull construction
technology
gen. wks. 671.52
see also spec. metals
see also spec. products
Welfare
administration
private 658.91+
public
gen. wks. 350.74–.78
see also spec. levels of govt.

Welfare
administration (continued)
social
gen. wks. 350.84
see also spec. levels of govt.
buildings
architecture **725.5**
construction
economics **338.47+**
technology **690.5+**
housekeeping **647.96+**
interior decoration **747.8+**
departments *see* Executive departments
service
personnel management
business 658.382
government
gen. wks. 350.162 3
see also spec. levels of govt.
public **†363**
religion
Christian 258–259
gen. wks. 291.7
see also other spec. rel.
social **361–362**
work
private 361.7
public 361.6
see also Community welfare
Welland Co. Ont. *area* –713 38
Wellington, N.Z. *area* –931 27
Wellington Co. Ont. *area* –713 42
Wells Co.
Ind. *area* –772 72
N.D. *area* –784 58
Wells
oil *see* Petroleum oils
water *see* Ground water
Welsh
corgis *see* Working dogs
language *see* Celtic
Welwitschiaceae *see* Gnetales
Welwitschias *see* Gnetales
Wenatchee Mts. Wash.
gen. wks. *area* –797 57
see also other areas
Wendish
ethnic groups *area* –174+
language **491.88**
Wendish (continued)
lingual groups *area* –175+
see also other spec. subj.
Wens *see* Sebaceous disorders
Wentworth Co. Ont. *area* –713 52
Werewolves *see* Imaginary animals
West
Baton Rouge Par. La. *area* –763 45
Bengal India *area* –541 4
Carroll Par. La. *area* –763 83
Feliciana Par. La. *area* –763 17
Germany (Federal Republic) ***area* –43**
Indies ***area* –729**
Irian *see* West New Guinea
Lothian Scotland *area* –414 4
New Guinea *area* –951
Prussia *area* –†438 2
Virginia ***area* –754**
West
Semitic *see* Canaanitic
Westchester Co. N.Y. *area* –747 277
Western
Australia *area* –941
bloc nations
geography 910.091+
history 909.09+
subj. treatment *area* –171 3
see also spec. nations
Desert Egypt *area* –622
Hemisphere
geography 910.091+
history 909.09+
subj. treatment *area* –181 2
see also spec. areas
Isls. Scotland *see* Hebrides
states U.S. ***area* –78**
Western
stories *see* Fiction
Westland N.Z. *area* –931 54
Westmeath Ireland *area* –418 15
Westminster London *area* –421 3
Westmoreland Co.
Pa. *area* –748 81
Va. *area* –755 24
Westmorland Co.
Eng. *area* –428 8
N.B. *area* –715 23
Weston Co. Wyo. *area* –787 14
Westphalia Germany *area* –435 6

Wet
analysis *see* Systematic separations
Wet-collodion
process *see* Special-process photography
Wetting
agents *see* Detergents
Wetzel Co. W.Va. *area* –754 18
Wexford Co.
Ireland *area* –418 85
Mich. *area* –774 67
Whale
fishing *see* Whales
oil *see* Fixed oils
Whaleboats *see* Merchant ships
Whalebone
whales *see* Mysticetes
Whales
conservation **639.97+**
culture **636.95+**
hunting
industry
economics **338.372+**
technology 639.28
sports **799.279+**
see also Cetacea
Whaling *see* Whales
Wharf
buildings *see* Transportation buildings
Wharton Co. Tex. *area* –764 133
Wharves *see* Docks
Whatcom Co. Wash. *area* –797 73
Wheat
agriculture
economics 338.17+
technology
forage crops 633.25+
grain crops **633.11**
flour *see* Wheat food
fodder
gen. wks. 636.086
see also spec. animals
food
cookery 641.6+
gen. wks. 641.331+
processing
economics 338.47+
technology **664.722**
Wheat (continued)
meal *see* Wheat food
see also Pooideae
Wheatland Co. Mont. *area* –786 63
Wheatstone
bridges *see* Resistance measurements
Wheel
animalcules *see* Aschelminthes
games
customs 394.3
ethics 175.5
gen. wks. 795.2
mechanisms
manufacture
economics **338.47+**
technology **681.1**
marketing **658.809+**
Wheelbarrows *see* Wheeled supports
Wheeled
supports
agricultural *see* Agricultural tools
manufacture
economics 338.47+
technology 684.7
transportation *see* Transportation services
see also spec. applications
Wheeler
Co.
Ga. *area* –758 835
Neb. *area* –782 76
Ore. *area* –795 81
Tex. *area* –764 828
Lake Ala.
gen. wks. *area* –761 98
see also other areas
Wheels
gen. wks. *see* Simple machines
motor vehicles *see* Chassis
Whelks *see* Gastropoda
Whig
Party *see* Political parties
Whip
scorpions
agricultural pests 632.6+

Whip
scorpions (continued)
culture 639.7
see also Palpigradi
Whippets *see* Hounds
Whirligig
beetles *see* Water beetles
Whiskies *see* Spirits (alcoholic)
Whist *see* Card games
White
Co.
Ark. *area* –767 76
Ga. *area* –758 277
Ill. *area* –773 96
Ind. *area* –772 93
Tenn. *area* –768 66
Mts. N.H. *area* –742 2
Pine Co. Nev. *area* –793 15
River (Ark.-Mo.)
gen. wks. *area* **–767 2**
see also other areas
River (Ind.) *area* **–772 3**
River (S.D.)
gen. wks. *area* **–783 6**
see also other areas
Russia *see* Belorussia
Sands Nat. Monument
gen. wks. *area* –789 65
see also other areas
White
corpuscles
histology *see* Histology
physiology *see* Blood
Friars *see* Carmelites
Monks *see* Benedictines
potatoes *see* Potatoes
Russian *see* Belorussian
slave
traffic *see* Offenses
whales *see* Odontocetes
White-alder
trees
culture 635.977+
forestry 634.973+
see also Ericales
Whitefish Bay Lake Superior
gen. wks. *area* –774 91
see also other areas
Whiteside Co. Ill. *area* –773 35
Whitewash *see* Paints
Whitewashing
buildings
economics 338.47+
technology 698.2
see also other spec. structures
Whitfield Co. Ga. *area* –758 32
Whitley Co.
Ind. *area* –772 75
Ky. *area* –769 13
Whitman Co. Wash. *area* –797 39
Whitney (mount) Calif.
gen. wks. *area* –794 86
see also other areas
Whittling *see* Wood carvings
Wholesale
cooperatives *see* Distribution cooperatives
marketing
commerce **†380.1**
technology 658.86
Whooping
cough *see* Respiratory diseases
Whortleberries *see* Celastrales
Wibaux Co. Mont. *area* –786 34
Wichita Co.
Kan. *area* –781 42
Tex. *area* –764 745
Wicker
fibers *see* Basketry fibers
Wickets
sporting goods *see* Recreational equipment
Wicklow Ireland *area* –418 4
Wicomico Co. Md. *area* –752 25
Widowers
gen. wks. *see* Men
survivors *see* Survivors
Widows
gen. wks. *see* Women
survivors *see* Survivors
Wight (isle) Eng. *area* –422 8
Wigs
manufacture
economics 338.47+
technology 679
marketing
services 380.145+
technology 658.809+
see also Hairdressing

Wigtown Scotland *area* –414 95
Wilbarger Co. Tex. *area* –764 746
Wilcox Co.
Ala. *area* –761 38
Ga. *area* –758 845
Wild
cinnamon *see* Bixales
flower
gardens
gen. wks. 635.967 6
see also spec. plants
flowers *see* Flowering plants
Wildcats *see* Cats
Wildings *see* Exceptional children
Wildlife
conservation
economics
policies **333.7**
production 338.3
laws †340
practices **639.9**
refuges *see* Wildlife reserves
reserves
area planning 719.36
conservation practices 639.95
geography *see spec. areas*
land economics 333.78
Wilkes Co.
Ga. *area* –758 17
N.C. *area* –756 82
Wilkin Co. Minn. *area* –776 91
Wilkinson Co.
Ga. *area* –758 54
Miss. *area* –762 25
Will Co. Ill. *area* –773 25
Will
metaphysics 123
psychology **†153.8**
religion
Christian
gen. wks. 233.7
salvation 234.9
gen. wks. 291.22
see also other spec. rel.
Willacy Co. Tex. *area* –764 493
Willamette Valley Ore.
gen. wks. *area* **–795 3**
see also other areas
Willemite
mineralogy 549.62
see also Zinc geology
Williams Co.
N.D. *area* –784 73
O. *area* –771 11
Williamsburg, Va. *area* –755 425 2
Williamsburg Co. S.C. *area* –757 83
Williamson Co.
Ill. *area* –773 993
Tenn. *area* –768 56
Tex. *area* –764 289
Williamsoniaceae *see* Cycadeoidales
Willow
fibers *see* Basketry fibers
trees
culture 635.977+
forestry 634.973+
see also Salicales
Wills
law *see* Succession law
Willy-willies *see* Storms
Wilson (lake) Ala.
gen. wks. *area* –761 99
see also other areas
Wilson Co.
Kan. *area* –781 925
N.C. *area* –756 43
Tenn. *area* –768 54
Tex. *area* –764 445
Wilson
cloud chambers *see* Particle detectors
Wilt *see* Fungus diseases
Wiltshire Eng. *area* –423 1
Winches *see* Materials-handling equipment
Winchester Va. *area* –755 99
Wind River Range Wyo. *area* **–787 6**
Wind
action *see* Winds
engines
engineering
economics 338.47+
technology
gen. wks. 621.45
see also spec. branches
see also spec. applications
instruments (musical)
manufacture
economics **338.47+**
technology **681.81+**
music **788**

Wind (continued)
loads *see* Loads
systems *see* Winds
wheels *see* Wind engines
Wind-driven
craft *see* Sailing craft
Windham Co.
Conn. *area* –746 45
Vt. *area* –743 9
Windlasses *see* Materials-handling equipment
Windmills *see* Wind engines
Window
breakage
insurance *see* Glass breakage insurance
displays *see* Display advertising
gardening *see* House plants
Windows
architecture 721.8
construction
economics 338.47+
technology
carpentry 694.62
gen. wks. 690.1+
glazing
economics 338.47+
technology 698.5
interior decoration
art 747.3
home economics 645.3
see also spec. structures
Winds
geography
gen. wks. †910.02+
see also spec. places
geology
activities **551.37**
climatology **†551.64+**
meteorology **551.518**
see also Storms
Windsor Co. Vt. *area* –743 65
Windstorms *see* Storms
Windward Isls. West Indies *area* **–729 8**
Wine
cookery 641.62
drinking *see* Drinking
making *see* Wines
Wines
manufacture
economics **338.47+**
technology
commercial **663.2**
domestic 641.872
marketing
technology 658.809+
see also Liquor traffic
pub. health meas. 614.34
Wings
aircraft *see* Airfoils
buildings *see* Buildings
Winkler Co. Tex. *area* –764 913
Winn Par. La. *area* –763 66
Winnebago (lake) Wis.
gen. wks. *area* –756 4
see also other areas
Winnebago Co.
Ill. *area* –773 31
Ia. *area* –777 22
Wis. *area* –775 64
Winneshiek Co. Ia. *area* –777 32
Winnetka
system *see* Individualized instruction
Winnibigoshish Lake Minn.
gen. wks. *area* –776 78
see also other areas
Winnipesaukee (lake) N.H. *area* **–742 4**
Winnowing
crops *see* Terminal operations
Winona Co. Minn. *area* –776 12
Winston Co.
Ala. *area* –761 74
Miss. *area* –762 69
Winter
cress *see* Cresses
sports
ice *see* Ice sports
snow *see* Snow sports
warfare *see* Battle tactics
Winteraceae *see* Magnoliales
Wintergreen
agriculture
economics 338.17+
technology 633.82
food 641.338+
processing *see spec. products*
see also Ericales

Winzes *see* Shafts
Wire
power *see* Flexible connections
tapping
crime detection 364.128
offense *see* Offenses
telegraphy *see* Telecommunication
telephony *see* Telecommunication
walking *see* Gymnastics
Wirecrafts *see* Metalcrafts
Wireless
communication *see* Telecommunication
Wirephotography *see* Telecommunication
Wires
acoustic devices *see* Electroacoustical devices
manufacture
economics 338.47+
technology 671.84
materials
engineering
gen. wks. 620.112 88
see also spec. applications
power transmission **621.319 3**
Wireworms
agricultural pests 632.7+
culture 638.57+
see also Elateroidea
Wirt Co. W.Va. *area* –754 26
Wisconsin (state) *area* **–775**
Wisconsin River Wis. *area* **–775**
Wisdom (deuterocanonical book) *see* Wisdom of Solomon
Wisdom (philosophy) **100**
Wisdom of Solomon
Apocrypha **229.3**
liturgy
gen. wks. 264.3–.4
spec. denominations **264.01–.09**
Wise Co.
Tex. *area* –764 532
Va. *area* –755 74
Wisteria *see* Leguminosae
Wit *see* Humor
Witch hazel
drug *see* Botanical drugs
plant *see* Hamamelidales
Witchcraft
folklore
hist. & criticism 398.352
legends 398.2
occultism **133.4**
religion
gen. wks. 291.33
see also spec. rel.
Witches *see* Witchcraft
Witherite
mineralogy 549.785
see also Barium geology
Withlacoochee River Fla.
gen. wks. *area* –759 72
see also other areas
Wittig
reaction *see* Arylation
Witwatersrand South Africa *area* –682 2
Wizardry *see* Witchcraft
Wizards *see* Witchcraft
Wolfe Co.
Ky. *area* –769 21
Que. *area* –714 57
Wolfhounds *see* Hounds
Wolfram *see* Tungsten
Wolframite
mineralogy *see* Tungsten geology
Wolverines *see* Mustelines
Wolves
conservation 639.97+
culture 636.9+
hunting
industries 639.11+
sports 799.27+
see also Canidae
Woman *see* Women
Woman Suffrage
Party *see* Political parties
Womanpower
mobilization
gen. wks.
civilian 355.23
military 355.229
see also spec. services
see also hist. of spec. wars
Wombats *see* Marsupials

Women
education
gen. wks. 376
see also s.s.–07
labor economics 331.4
psychology †155.6
sociology †301.412
suffrage
laws †340
pol. sci. 324.3
see also other spec. aspects
Women's
clothing *see* Garments
services
mil. sci. *see* Special services
Wood
Buffalo Nat. Park
gen. wks. *area* –712 32
Mackenzie *area* –712 21
Co.
O. *area* –771 16
Tex. *area* –764 223
W.Va. *area* –754 22
Wis. *area* –775 52
Wood
ashes
fertilizers *see* Potassium fertilizers
carbonization *see* Charcoal
carvings
interior decoration
art 747.3
home economics 645.2–.3
gen. wks. 736.4
construction *see* Structural woodworking
engraving *see* Relief (surface) printing
engravings *see* Prints
flour *see* Wood residues
laminates *see* Composite woods
lice *see* Isopoda
lots *see* Farm forestry
oils *see* Fixed oils
panels *see* Composite woods
residues
industry
economics 338.47+
technology 674.84
see also spec. applications
Wood (continued)
sculpture
representations 731.5–.8
technique 731.462
shavings *see* Wood residues
sorrel *see* Geraniales
warblers *see* Parulidae
Woodbury Co. Ia. *area* –777 41
Woodcock
culture 636.6
hunting
industries 639.12+
sports 799.248+
see also Charadriiformes
Woodcraft *see* Outdoor life
Woodcrafts
arts 745.51
industry
economics 338.47+
technology 684
Woodcut
printing *see* Relief processes
Woodcuts *see* Prints
Wooden
containers *see* Cooperage
minor products
manufacture
economics 338.47+
technology 674.88
see also spec. applications
primary products *see* Wood-using industries
shoes *see* Footwear
Woodenware *see* Wooden minor products
Woodford Co.
Ill. *area* –773 53
Ky. *area* –769 465
Woodland
gardens *see* Wild flower gardens
reserves *see* Forest reserves
Woodpeckers *see* Piciformes
Woodruff Co. Ark. *area* –767 92
Woods (lake) *see* Lake of the Woods
Woods Co. Okla. *area* –766 21
Woods (forests) *see* Forests
Woods (substance)
materials
construction 691.1
engineering 620.12

Woods (substance) (continued)
processing *see* Lumber
see also spec. products
Woodson Co. Kan. *area* –781 92
Wood-using
industries
economics 338.47+
technology 674.8
Woodward Co. Okla. *area* –766 19
Woodwinds
manufacture
economics †338.47+
technology †681.81+
music †788.05
Woodwork
crafts *see* Woodcrafts
trim *see* Trims
Woodworking
products *see* Pattern lumber
tools
engineering
economics 338.47+
technology 621.9
see also spec. applications
Woody
plants
floriculture 635.93
landscaping 715
see also Spermatophyta
Wool
wax *see* Waxes
Woolen
textiles
dyeing & printing
home econ. 640
technology 667.3+
manufacture
economics 338.47+
technology 677.31
materials
construction 691.9
engineering 620.197
see also spec. applications
Woolsorters'
disease *see* Zoogenous diseases
Woolwich London *area* –421 6
Worcester Co.
Eng. *area*–424 7
Md. *area* –752 21
Mass. *area* –744 3
Word
games *see* Puzzles
Word of God *see* Logos
Words
linguistics *see* Etymology
spec. subj. s.s.–014 2
Work
efficiency
economics 331.8
management
private 658.38
public
gen. wks. 350.162
see also spec. levels of govt.
psychology 158.7
schedules *see* Employment conditions
songs *see* Topical songs
Worker
bees *see* Bees
Workhouses *see* Prisons
Working
animals
culture
gen. wks. †636.088 6
see also spec. animals
see also Draft animals
classes *see* Social classes
conditions *see* Employment conditions
dogs
culture
gen. wks. 636.708+
spec. breeds †636.73
use *see spec. purposes*
see also Canidae
Workmen's
compensation insurance *see* Disability insurance
Workshops
education *see* Extension
Work-study
programs *see* Laboratory methods
World
astronomy *see* Terrestrial astronomy
government *see* International relations

World (continued)
history
gen. wks. **909**
see also spec. subj.
order
pol. sci. *see* International relations
religion
Christian †261.87
gen. wks. 291.17+
see also other spec. rel.
peace *see* Peace movements
state
pol. sci. 321.04
see also World history
trade *see* Trade (activity)
see also Cosmology
World War I
gen. wks. **940.3**
see also spec. countries
World War II
gen. wks. **940.53**
see also spec. countries
Worm
gears *see* Gears
infestations
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.963–.965**
pediatrics **618.92+**
pub. health **614.55+**
plants
agriculture **632.6+**
botany 581.233
see also spec. plants
Worms
agricultural pests **632.6+**
culture **†639.75**
see also Vermes
Worship
comparative religion **291.3**
natural theology 217
see also Prayer
Worth Co.
Ga. *area* –758 945
Ia. *area* –777 23
Mo. *area* –778 14
Worth *see* Values
Wounds *see* Injuries
Woven
products *see* Textiles
Wrangell-Petersburg election district Alaska *area* –798 2
Wrapping-papers *see* Paper products
Wreckage
studies
aircraft 629.132 55
motor vehicles †629.282 6
ships 623.888 5
Wrecking-cars
railroads *see* Trains
Wrens *see* Troglodytidae
Wren-tits *see* Chamalidae
Wrestling *see* Unarmed combat
Wright Co.
Ia. *area* –777 274
Minn. *area* –776 51
Mo. *area* –778 825
Wrinkle-resistant
fabrics *see* Crease-resistant fabrics
Writing (composition)
gen. wks. *see* Rhetoric
journalism *see* Journalism
Writing (manual skill) *see* Handwriting
Writing
inks *see* Inks
papers *see* Paper products
telegraphy *see* Telecommunication
Wroclaw Poland *area* –†438 5
Wrongs
ethics 179.8
law *see* Torts
Wuchereriasis *see* Nematoda infestations
Wulfenite
mineralogy 549.74
see also Molybdenum geology
Württemberg Germany *area* –434 7
Würtz-Fittig
reaction *see* Arylation
Wyandot Co. O. *area* –771 26
Wyandotte Co. Kan. *area* –781 39

Wyoming (state) *area* –787
Wyoming Co.
N.Y. *area* –747 93
Pa. *area* –748 35
W.Va. *area* –754 45
Wythe Co. Va. *area* –755 77

X

X rays *see* Ionizing radiation
Xanthe Greece *area* –495 7
Xanthophyceae *see* Chrysophyta
Xanthorrhoeaceae *see* Agavales
Xenarthra *see* Edentata
Xenon *see* Rare gases
Xenopterygii *see* Acanthopterygii
Xeric
adaptations *see* Ecology
Xerography
economics 338.47+
technology
photographic process 773.2
printing process 655.328
see also Duplication
Xerophytes
biology
ecology 581.526 5
gen. wks. **581.9+**
culture 635.955
see also spec. plants
Xiphosura
culture 639.5
paleozoology 565.392
zoology 595.392
X-ray
crystallography
gen. wks. 548.83
see also spec. applications
electronics
engineering 621.381 6
physics **537.535**
see also spec. applications
metallography *see* Metallography
photography *see* Radiography
therapy *see* Actinotherapy
Xylem *see* Circulatory organs
Xylography *see* Relief (surface) printing
Xylophones *see* Percussion instruments
Xylose *see* Sugars
Xyridaceae *see* Xyridales
Xyridales
botany 584.3
floriculture 635.934+

Y

YMCA *see* Young Men's Christian Associations
YMHA *see* Young Men's Hebrew Associations
YWCA *see* Young Women's Christian Associations
YWHA *see* Young Women's Hebrew Associations
Yacht
club
buildings *see* Recreation buildings
Yachting *see* Boating
Yachts
power-driven *see* Small craft
wind-driven *see* Sailing craft
Yadkin
Co. N.C. *area* –756 66
River N.C.
gen. wks. *area* –756 68
see also other areas
Yajurveda *see* Vedas
Yakima Co. Wash. *area* –797 55
Yaks
culture 636.293
see also Bovoidea
Yakut ASSR *area* –†575
Yakut (subject) *see* Turkic
Yalobusha Co. Miss. *area* –762 82
Yamagata Japan *area* –521 1
Yamaguchi Japan *area* –521 9
Yamanashi Japan *area* –521 6
Yamaska Co. Que. *area* –714 54
Yamhill Co. Ore. *area* –795 39

Yams
agriculture
economics 338.17+
technology **635.23**
fodder
gen. wks. 636.087 5
see also spec. animals
food 641.35+
marketing 658.809+
processing *see spec. products*
see also Dioscoreales
Yancey Co. N.C. *area* –756 87
Yangtze River China
gen. wks. ***area* –512**
see also other areas
Yankton Co. S.D. *area* –783 394
Yaracuy Venezuela *area* –872
Yarmouth Co. N.S. *area* –716 31
Yarns
manufacture *see* Textiles
Yaroslavl RSFSR *area* –473 1
Yarrow *see* Asterales
Yarwara *see* Unarmed combat
Yates Co. N.Y. *area* –747 82
Yavapai Co. Ariz. *area* –791 57
Yawls *see* Sailing craft
Yazoo
Co. Miss. *area* –762 49
River Miss.
gen. wks. ***area* –762 4**
see also other areas
Yeasts
botany *see* Ascomycetes
processing *see* Leavening agents
uses *see spec. products*
Yell Co. Ark. *area* –767 38
Yellow
Medicine Co. Minn. *area* –776 37
River China
gen. wks. ***area* –511**
see also other areas
Sea *see* Pacific Ocean
Yellow
fever
medicine **616.928**
pediatrics **618.92+**
pub. health 614.541
vaccines *see* Serums
jackets *see* Wasps
Yellow-eyed
grasses *see* Xyridales
Yellow-green
algae *see* Chrysophyta
Yellowstone
Co. Mont. *area* –786 39
Nat. Park *area* –787 52
River
gen. wks. ***area* –786 3**
see also other areas
Yemen *area* –533 2
Yew
trees
culture 635.977+
forestry 634.975 9+
see also Coniferales
Yews *see* Coniferales
Yiddish
ethnic groups *area* –174+
language **492.49**
lingual groups *area* –175+
see also other spec. subj.
Yield
points *see* Deformation
Yields
agriculture
gen. wks. 631.558
see also spec. crops
see also other spec. subj.
Yoakum Co. Tex. *area* –764 849
Yoga
philosophy 181.45
see also Personal religion
Yogurt *see* Dairy products
Yolo Co. Calif. *area* –794 51
Yom Kippur *see* Holy days
Yonne France *area* –444 1
York
Co.
Eng. *area* –427 4
Me. *area* –741 95
Neb. *area* –782 345
N.B. *area* –715 51
Ont. ***area* –713 54**
Pa. *area* –748 41
S.C. *area* –757 43
Va. *area* –755 42
River Va.
gen. wks. ***area* –755 3**
see also other areas
Yorkshire
terriers *see* Miniature dogs

Yosemite Nat. Park Calif. *area* –794 47
Young Co. Tex. *area* –764 545
Young
adults *see* Young people
Men's
Christian Associations
gen. wks. **267.3**
see also spec. services
Hebrew Associations
gen. wks. 296.673
see also spec. services
people
diseases *see* Pediatrics
education *see* Education
labor economics 331.34
library services 027.626
organizations
gen. wks. **369.4**
see also spec. activities
psychology †155.5
sociology
gen. wks. 301.431 5
welfare services **362.7**
see also Children
Women's
Christian Associations
gen. wks. **267.5**
see also spec. services
Hebrew Associations
gen. wks. 296.675
see also spec. services
Young's modulus *see* Elasticity
Youth *see* Young people
Yozgat Turkey *area* –†563
Ytterbium *see* Rare-earths
Yttrium *see* Rare-earths
Yuba Co. Calif. *area* –794 35
Yucatán Mexico *area* –726
Yucca Flats Nev.
gen. wks. *area* –793 34
see also other areas
Yucca
fibers *see* Agave fibers
Yuccas *see* Agavales
Yugoslav *see* Serbo-Croatian
Yugoslavia ***area* –497**
Yukian *see* Hokan-Siouan
Yukon (ter.) *area* –712 1
Yukon River
gen. wks. *area* –798 6
see also other areas
Yukon-Koyokuk election district Alaska *area* –798 6
Yuma Co.
Ariz. *area* –791 71
Colo. *area* –788 78
Yunnan China *area* –513 5
Yurak *see* Samoyedic

Z

Zacatecas Mexico *area* –724
Zacharias (O.T.) *see* Minor prophets
Zambezi River
gen. wks. *area* –679
see also other areas
Zambia *see* Northern Rhodesia
Zamiaceae *see* Cycadales
Zamora Spain *area* –462 4
Zamora-Chinchipe Ecuador *area* –866 4
Zannichelliaceae *see* Najadales
Zante Greece *area* –495 5
Zanzibar *area* –678 1
Zapata Co. Tex. *area* –764 483
Zapote
melons *see* Papayas
Zapotec *see* Macro-Otomanguean
Zaragoza Spain *area* –465 53
Zavala Co. Tex. *area* –764 437
Zea
mays *see* Corn
Zealand Denmark *area* –489 1
Zebras
hunting
industries 639.11+
sports 799.279+
husbandry 636.18
see also Equidae
Zebrula
husbandry 636.18
see also Equidae
Zebrule *see* Zebrula
Zebus
culture 636.291
see also Bovoidea
Zechariah (O.T.) *see* Minor prophets
Zeeland Netherlands *area* –492 4

Zein
plastics *see* Protein plastics
textiles *see* Protein textiles
Zen *see* Buddhism
Zenith
telescopes *see* Extrameridional instruments
Zeoidea *see* Acanthopterygii
Zeolite
mineralogy 549.68
see also spec. applications
Zephaniah (O.T.) *see* Minor prophets
Zeppelins *see* Lighter-than-air aircraft
Zetland Scotland *see* Shetland Isls.
Ziebach Co. S.D. *area* –783 53
Zielona Gora Poland *area* –†438 1
Zinc
art metalwork 739.55
compounds
chemistry **546.661**
manufacture 661.06+
pharmacology
gen. wks. 615.2
veterinary 636.089+
see also Organic chemistry
engraving *see* Planographic processes
fabrication *see* Zinc industries
geology
gen. wks. 553.452
mineralogy
elements 549.23
minerals *see spec. minerals*
industries
extractive
metallurgy 669.5
mining 622.345+
manufacturing
economics 338.47+
technology 673.5
lithography *see* Planographic processes
Zinc (continued)
metabolism *see* Micronutrient elements
metallography *see* Zinc properties
mineralogy *see spec. minerals*
mining *see* Zinc industries
products *see spec. subj.*
properties
chemistry **546.661**
engineering 620.184
metallography 669.955
see also Radiochemistry
Zincite
mineralogy 549.522
see also Zinc geology
Zincographs *see* Prints
Zincography *see* Planographic processes
Zingiberaceae *see* Zingiberales
Zingiberales
botany 584.21
floriculture 635.934+
Zinnias *see* Asterales
Zion Nat. Park & Monument Utah *area* –792 48
Zircon
geology *see* Zirconium
glyptics 736.2
mineralogy 549.62
Zirconia *see* Refractory materials
Zirconium
compounds
chemistry **546.513**
manufacture 661.05+
fabrication *see* Zirconium industries
geology
gen. wks. †553.465
mineralogy *see spec. minerals*
industries
extractive
metallurgy 669.735
mining 622.346+
manufacturing
economics 338.47+
technology 673.73+

Zirconium (continued)
metallography *see* Zirconium properties
mineralogy *see spec. minerals*
mining *see* Zirconium industries
products *see spec. subj.*
properties
chemistry **546.513**
engineering 620.189 3+
metallography 669.957+
see also Radiochemistry
Zithers
manufacture
economics 338.47+
technology 681.81+
music **787.8**
Zoantharia *see* Anthozoa
Zodiac
astrology 133.52
astronomy 523.29
folklore 398.362
Zodiacal
light
astronomy 523.59
meteorology †551.566
signs *see* Zodiac
Zonal
diseases *see* Medical geography
Zonguldak Turkey *area* –†563
Zoning
govt. control 352.961
laws †340
Zoo
animals
culture
gen. wks. 636.088 99
see also spec. animals
zoology 591
Zoogenous
diseases
animals
vet. sci. **636.089+**
zoology 591.2
see also spec. animals
man
medicine **616.95**
pediatrics **618.92+**
pub. health **614.56**
Zoogeography *see* Biogeography
Zoological
garden
buildings *see* Research buildings
gardens
gen. wks. 590.744
see also Recreational land
paleontology *see* Paleozoology
sciences
agriculture **636–638**
paleozoology *see* Paleozoology
zoology **591**
see also *s.s.*–015+
Zoology
agricultural **630.29**
see also Zoological sciences
Zoopathology *see* Pathology
Zoophysiology *see* Physiology
Zootechny *see* Livestock
Zoraptera
paleozoology 565.73
zoology 595.738
Zoroastrianism
culture groups
geography 910.091+
history 909.09+
subj. treatment *area* –176+
philosophy 181.05
religion **295**
Zosteraceae *see* Aponogetonales
Zoysieae *see* Pooideae
Zug Switzerland *area* –494 7
Zulia Venezuela *area* –872
Zulu *see* Niger-Congo
Zululand South Africa *area* –†684
Zurich Switzerland *area* –494 5
Zwinglianism *see* Reformed churches
Zygophyllaceae *see* Geraniales
Zymases *see* Enzymes

2.0 mm ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz1234567890

1.5 mm ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz1234567890

PM-MGP
METRIC GENERAL PURPOSE TARGET
PHOTOGRAPHIC

200 mm

150 mm

100 mm

A5

A4

A3

1.0 1.1 1.25 1.4 1.6 1.8 2.0 2.2 2.5 2.8 3.2 3.6 4.0

1.0 mm ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz1234567890

1.5 mm ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz1234567890

2.0 mm ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

2.5 mm ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

PRECISION℠ RESOLUTION TARGETS

A&P International
2715 Upper Afton Road, St. Paul, MN 55119-4760
612/738-9329 FAX 612/738-1496

4.5 mm ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

3.5 mm ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz1234567890

END OF REEL

PLEASE REWIND